

1997 Editorial Index

Issue	Page	Issue	Page	Issue	Page
ACQUISITIONS/MERGERS/ CONSOLIDATIONS		Tenth Annual Excellence in Design WinnersMay	39	New & Notable: Appliances Presented During the Winter CES in Las Vegas.....Mar	24
Bosch-Siemens: World-Class DeterminationFeb	G-6	New & Notable: Smoke and CO Combo ..Nov	14	Technology Update: Electrical Testing— EMI/RFI Solutions.....Mar	27
Arcelik: In Pursuit of North AfricaFeb	G-11	ALUMINUM		Housewares Show Review: Good Health Plays Well.....Mar	30
Maytag: A China ConnectionFeb	G-16	Performance Is Paramount.....Jan	19	Students Show Award-Winning Appliances in Design Oasis.....Mar	36
Whirlpool: U.S. Leader Pursues Global BlueprintFeb	G-21	Advanced Technologies.....Mar	76	By the Way: From Thought to Thing.....Mar	88
GE Appliances: The Polar Approach.....Feb	G-22	1997 Market Profile (Component/Material Consumption).....Apr	27	Editorial: Rethinking Germany, AmericaApr	5
ADHESIVES (See Fasteners/Adhesives/Joining)		Aluminum Tubing for RefrigeratorsMay	83	Cutting Edge: Appliances Wear Nose ChipsApr	6
ADVERTISING/PROMOTION		Specialty InsulationsJun	43	New & Notable: What Is a Mopier?, Kitchen Coach, Mini Dishwasher, Wider Picture TVApr	8
Editorial: Inside Today's Maytag.....Aug	7	Survival Kit for a Rugged ComputerJun	72	Shipments.....Apr	11
Moving the Appliance Industry Forward.....Aug	AHAM-3	Conversion a Clear CallJun	85	Frigidaire's Edman to Keynote AMCEApr	12
AIR CLEANERS (Purifiers)		Think ZincJun	89	Association Report: AHAM— 30th Anniversary Reflections.....Apr	16
Domotecnica Preview: Bigger Than EverFeb	55	Creative TouchNov	30	Technology Backs Design.....Apr	19
Good Health Plays Well.....Mar	34	Picture This: A Savings of 95% Plus.....Nov	5	1997 Market Profile (Share of Market and Component/Material Consumption)Apr	27
Go with the FlowMar	55	AM CONFERENCE & EXPO		HVAC's Show of Strength.....Apr	51
Cutting Edge: Appliances Wear Nose ChipsApr	6	Frigidaire's Edman to Keynote AMCEApr	12	Technology Update: Sensors— NanoSensor Array ChipsApr	57
1997 Market Profile (Share of Market)Apr	27	Editorial: This Is BigJul	5	AHAM Chief to Keynote IATC.....Apr	67
AIR CONDITIONERS AND HEAT PUMPS		1997 AMCE Preview: Sparkling InnovationAug	93	Frankly Speaking: 'Smart' Outsourcing— Product Development.....Apr	80
Annual Industry Outlook: 3 Record Breakers for '96Jan	106	1997 AM Conference & ExpoSep	28	Editorial: Digital Transition Raises QuestionsMay	11
Comfortable CostMar	54	Editorial: Your Show—AMCENov	7	Cutting Edge: Put a Heat Pump in Your PocketMay	12
Packing HeatMar	57	AMCE in Review: Good Design Is.....Nov	52	Shipments.....May	16
Technology Backs Design.....Apr	19	AMCE at a Glance.....Nov	57	New & Notable: Grease-Free Cooking Area, 3 Notebooks in 1, Pocket PC Organizer, Push-Button MeasuringMay	24
1997 Market Profile (Share of Market and Component/Material Consumption)Apr	27	AMPLIFIERS		Association Report: NHMA—Fighting for Fair Trade with MexicoMay	37
Noise ReducersApr	54	Performance Is Paramount.....Jan	19	Tenth Annual Excellence in Design WinnersMay	39
IATC PreviewApr	67	ANSWER MACHINES		Definitely DomoMay	51
Cutting Edge: Put a Heat Pump in Your PocketMay	12	Annual Industry Outlook: 3 Record Breakers for '96Jan	106	By the Way: Spin on Recycling.....May	124
Innovations Geared for Global ChallengeMay	64	APPLIANCES (General Interest)		Editorial: Lose-Lose Situation for AHAM, WhirlpoolJun	7
New Twist in BladesJun	54	Editorial: Recession Proof? Naam! Ya! Shyh!Jan	5	Cutting Edge: New Process Gives Dry Cleaning GasJun	14
Scrolls Come On StrongJun	62	Cutting Edge: Building the Internet into Appliances.....Jan	6	New & Notable: New-Look Appliances Displayed at K/B Show in ChicagoJun	18
New Spin: Scroll Air CompressorJun	64	New & Notable: Quick Switch Commercial Vac, Paint Pumper, Home Cooking Commercial Style, Fingertip FaxJan	8	Association Report: ARI—Speak Out Against Accelerated HCFC PhaseoutJun	22
Wanted: Marketing EngineersJul	49	Shipments.....Jan	10	Healthy Home Campaign Set by GAMAJun	24
New & Notable: Hot Water from Heat Pump.....Aug	12	Association Report: NHMA— 100th Housewares ShowJan	16	Small Appliance Wins NCCA Design Award.....Jun	26
OEM Associations Play Active Role.....Aug	35	Annual Industry Outlook: 3 Record Breakers for '96Jan	106	AMCE: Sparkling InnovationJun	35
The Power Connection.....Sep	59	Technology Update: Finishing— Better Powder CoatingJan	115	Frankly Speaking: Don't Let EPACT Catch You By SurpriseJun	106
Terminated Wire On DemandSep	91	Technology Update: Finishing— Better Powder CoatingJan	115	Editorial: This Is BigJul	5
By the Way: A Mystery in the MakingSep	144	By the Way: His Specialty— ErgonomicsJan	120	Cutting Edge: Killing Kilowatts for Conservation.....Jul	6
Enviro Scene: On Getting Really Turned OffOct	8	Editorial: The World's in Your HandsFeb	5	Shipments.....Jul	8
No. 1 Is Efficiency; No. 2 Is NoiseOct	34	Cutting Edge: Archimedes Reincarnated Solves Assembly ProblemsFeb	6	New & Notable: Displayed at the National Restaurant Show in ChicagoJul	10
Driving New Applications for Variable SpeedOct	39	The Human Touch: Intuitive CooktopsFeb	8	Technology Update: Motors— New Looks for Old MotorsJul	34
Seasonal SolutionsNov	43	Shipments.....Feb	11	IATC Review: Wanted— Marketing EngineersJul	49
AIR CONDITIONERS (Room)		New & Notable: Ergonomically Sharp, Quiet Energy Saver, Designed for Bedtime Readers, Double Glass for Longer Life.....Feb	12	By the Way: 2001—A Waste OdysseyJul	72
Annual Industry Outlook: 3 Record Breakers for '96Jan	106	Association Report: ARI—Emerging as a Major Growth IndustryFeb	14	Editorial: Inside Today's Maytag.....Aug	7
LG Electronics: The Local CompanyFeb	G-15	Special Section: Exclusive Global Report—MajorsFeb	27	Cutting Edge: Using Holography to Design in Thin AirAug	8
Matsushita: Strength in DiversityFeb	G-20	Domotecnica Preview: Bigger Than EverFeb	55		
Sanyo: Across Three OceansFeb	G-20	Technology Update: Metalforming— Advanced Multicut SlitterFeb	68		
Sharp: From Pencils to High Tech.....Feb	G-20	Frankly Speaking: Understanding EU Directive RequirementsFeb	80		
GE Appliances: The Polar Approach.....Feb	G-22	Editorial: Next ChallengeMar	7		
Constant Velocity Air FoilMar	39	Cutting Edge: With Ozone, It All Comes Out in the WashMar	8		
1997 Market Profile (Share of Market)Apr	27	Shipments.....Mar	11		
Wanted: Marketing EngineersJul	49	The Human Touch: Gripping DesignsMar	14		
Technology Update: Fasteners— Wire Inserts Thread the WayAug	44	Association Report: GAMA— DOE Reforms Worth NotingMar	19		
AIR HANDLERS					
No. 1 Is Efficiency; No. 2 Is NoiseOct	34				
ALARMS					
Chemical Sensors: Fire, Smoke, Gas Alarm for the HomeFeb	26				

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
Shipments.....Aug	11	A 'Cool' \$180 Million.....Aug	M-21	Arcelik: In Pursuit of North Africa.....Feb	G-11
New & Notable: Year-Round Comfort, Ergonomic Mouse, Clean Sweep for Computers, Hot Water from Heat Pump.....Aug	12	A First for Small Electrics.....Aug	83	Maytag: A China Connection.....Feb	G-16
Charting New Frontiers.....Aug	19	42 Parts Eliminated.....Aug	86	Matsushita: Strength in Diversity.....Feb	G-20
Association Report: What Is the Value of an Orderly Marketplace?.....Aug	27	Material Works Under Pressure.....Aug	89	Whirlpool: U.S. Leader Pursues Global Blueprint.....Feb	G-21
Testing and Certification: Circling the Globe.....Aug	31	ASSEMBLY/METALFORMING		GE Appliances: The Polar Approach.....Feb	G-22
Technology Update: Fasteners— Wire Inserts Thread the Way.....Aug	44	Tool Has 15 Lives.....Jul	41	Moving the Appliance Industry Forward.....Aug	AHAM-3
Special Report: Momentum at Maytag Appliances.....Aug	M-1	Innovations.....July	42	Big Picture Looks Bright.....Aug	M-5
Big Picture Looks Bright.....Aug	M-5	From 15 Min. to 90-Sec. Die Changeover.....Jul	44	A 'Cool' \$180 Million.....Aug	M-21
The Washer Watch.....Aug	M-11	Metalfforming/Assembly Hums with Software.....Jul	46	Prioritizing for the Future.....Aug	M-24
Creative Convergence.....Aug	M-17	ASSOCIATIONS		BREADMAKERS	
A 'Cool' \$180 Million.....Aug	M-21	From 'Push-Me, Pull-You' to Harmony.....Aug	34	Performance Is Paramount.....Jan	19
Prioritizing for the Future.....Aug	M-24	OEM Associations Play Active Role.....Aug	35	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
The Power of One.....Aug	M-29	AUDIO/VIDEO APPLIANCES		1997 Market Profile (Share of Market).....Apr	27
1997 AMCE Preview: Sparkling Innovation.....Aug	98	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Breadmaker Appliances Rely on Special Adhesives.....Aug	96
Frankly Speaking: Engineering an International Mindset.....Aug	120	Cutting Edge: Archimedes Reincarnated Solves Assembly Problems.....Feb	6	Prepaint Special Formula for West Bend Breadmaker.....Nov	41
Editorial: Time Is Right for CSPC.....Sep	7	Samsung: A Global Vision.....Feb	G-18	BROILERS	
Cutting Edge: The Incredible Shrinking Fuel Cell.....Sep	8	New & Notable: Executive Desk Stereo Clear Call.....Mar	24	New & Notable: Char-Broiler Sans Charcoal.....Jul	10
The Human Touch: Assessing Ergonomics During Prototyping.....Sep	10	1997 Market Profile (Share of Market).....Apr	27	BULBS	
Shipments.....Sep	12	First-End Cable Termination Technology Is Automated.....Apr	42	Precision Potting for Recorder Bulb.....Jun	78
Association Report: NHMA— Fighting to Change Bankruptcy Laws.....Sep	16	New & Notable: Clean Sweep for Computers.....Aug	66	BUSINESS/OFFICE APPLIANCES	
1997 AM Conference & Expo.....Sep	28	Cooperative Era Dawning.....Sep	66	Rib Review.....Jan	26
Technology Update: Metals— Controlling Steelmaking.....Sep	55	AUTOMATION		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Home Automation: The Power Connection.....Sep	59	Cutting Edge: Archimedes Reincarnated Solves Assembly Problems.....Feb	6	Sanyo: Across Three Oceans.....Feb	G-20
New & Notable: It's a Whirlwind, Touch-Sensitive Control Panel, New Spin on Comfort, Convection Heater.....Sep	96	Surface-Element Control Designed for Automation.....Feb	21	Sharp: From Pencils to High Tech.....Feb	G-20
By the Way: A Mystery in the Making.....Sep	144	Technology Update: Metalfforming— Advanced Multicut Slitter.....Feb	68	New & Notable: What Is a Mopier?.....Apr	8
Editorial: Check Your Mail.....Oct	7	HVAC's Show of Strength.....Apr	51	Environmentally Safe Vinyl.....Apr	12
Enviro Scene: On Getting Really Turned Off.....Oct	8	Exclusive: Fastening/Joining Study.....Jun	69	1997 Market Profile (Share of Market).....Apr	27
Shipments.....Oct	11	Controlling Consistency.....Jul	91	Brushless Business.....Jun	48
The Human Touch: Designing Ergonomic Displays.....Oct	13	Terminated Wire On Demand.....Sep	91	CABLES	
New & Notable: Seen at the National Hardware Show in August in Chicago.....Oct	14	BAR CODE READERS		Global Components.....Apr	36
Association Report: ARI— Back to the Future.....Oct	18	Label Confirms Emissions Compliance.....Mar	72	First-End Cable Termination Technology Is Automated.....Apr	42
Technology Update: Ignition Control— Advance in Fire Lighting.....Oct	17	A Tough Retail Scanner.....Aug	86	True Multimedia Solutions.....Apr	42
Frankly Speaking: Inventors Alert.....Oct	88	BATTERIES		CAD/CAM	
Editorial: Your Show—AMCE.....Nov	7	Cordless Breakthrough.....Jan	92	Cutting Edge: Archimedes Reincarnated Solves Assembly Problems.....Feb	6
Cutting Edge: Prepare for Plastic Power.....Nov	14	Clear Call.....Mar	66	Cutting Edge: Using Holography to Design in Thin Air.....Aug	8
New & Notable: A Pop Star; New Age PC; Hot Pan, Cool Surface; Sonic Cutter.....Nov	16	Scrolls Come On Strong.....Jun	62	Crystal Clarity.....Aug	84
Association Report: GAMA— Industry Forecast for 1997.....Nov	18	Creative Touch.....Oct	57	Parts Direct from CAD.....Nov	35
Technology Update: Adhesives— Silicones See the Light.....Nov	17	Cutting Edge: Prepare for Plastic Power.....Nov	14	CALCULATORS	
AMCE in Review: Good Design Is.....Nov	52	BEARINGS		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
By the Way: Consumer Secrets Exposed!!!.....Nov	64	Noise and Vibration.....Mar	42	CAMCORDERS	
ASSEMBLY		BELTS		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Performance Is Paramount.....Jan	19	Noise and Vibration.....Mar	42	1997 Market Profile (Share of Market).....Apr	27
Cutting Edge: Archimedes Reincarnated Solves Assembly Problems.....Feb	6	1997 Market Profile (Component/Material Consumption).....Apr	27	CAMERAS	
First-End Cable Termination Technology Is Automated.....Apr	42	BLENDERS		Digital Camera.....Mar	68
Survival Kit for a Rugged Computer.....Jun	72	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Quick Pix.....Jun	90
'Quick Change' Not Short-Changed.....Jun	76	Good Health Plays Well.....Mar	30	Picture This: A Savings of 95% Plus.....Nov	30
100% Savings in Rework Labor.....Jun	77	Laser Makes Its Mark in Acetal.....Mar	75	By the Way: Consumer Secrets Exposed!!!.....Nov	64
A \$35,000 Savings.....Jun	80	1997 Market Profile (Share of Market).....Apr	27	CAN OPENERS	
Technology Update: Fasteners— Wire Inserts Thread the Way.....Aug	44	Right Mix: Nameplate and Blender Design.....Aug	95	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
The Washer Watch.....Aug	M-11	BLOWERS (See Fans and Blowers)		1997 Market Profile (Share of Market).....Apr	27
		BOILERS		CAPITAL INVESTMENT	
		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Worldwide: Rapid Growth Ahead in Asia and Latin America.....Feb	G-2
		Innovations Geared for Global Challenges.....May	64	Bosch-Siemens: World-Class Determination.....Feb	G-6
		OEM Associations Play Active Role.....Aug	35	Arcelik: In Pursuit of North Africa.....Feb	G-11
		Technology Update: Ignition Control— Advance in Fire Lighting.....Oct	27	Maytag: A China Connection.....Feb	G-16
		BRANDS		Samsung: A Global Vision.....Feb	G-18
		Bosch-Siemens: World-Class Determination.....Feb	G-6	A 'Cool' \$180 Million.....Aug	M-21
		Groupe Brandt: French Giant Stresses Growth in Europe.....Feb	G-8	Prepaint Cuts Costs for HVAC Maker.....Nov	40
		Electrolux: SEK 21B Goal for Latin America, Asia and Eastern Europe.....Feb	G-10	CARTONS	
				1997 Market Profile (Component/ Material Consumption).....Apr	27

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
C-BAND HOME SATELLITE EARTH STATION		Escaping the Niche	Feb 64	Cutting Edge: Archimedes Reincarnated	Feb 6
Annual Industry Outlook:		Aesthetics Sell	Mar 19	Solves Assembly Problems	Feb G-18
3 Record Breakers for '96	Jan 106	Technology Backs Design	Apr 27	Digital Camera	Mar 68
CD PLAYERS		1997 Market Profile (Share of Market)	Apr 51	Cost-Saving Paint Job	Mar 78
Annual Industry Outlook:		HVAC's Show of Strength	Apr 51	for Wireless LAN	Mar 27
3 Record Breakers for '96	Jan 106	Motor Control Upgrades	Apr 56	1997 Market Profile (Share of Market)	Apr 27
1997 Market Profile (Share of Market)	Apr 27	Electrolux' Palm Wants Emotion	May 64	New & Notable: 3 Notebooks in 1,	May 24
CAULKING GUNS		Innovations Geared for	May 64	Pocket PC Organizer	May 39
New & Notable: Mess-Free Caulking	Oct 14	Global Challenges	May 18	Tenth Annual Excellence in	May 72
CEBUS		New & Notable: Home Cookout	Jun 43	Design Winners	Jun 79
IATC Preview	Apr 67	Restaurant Style	Jun 54	Survival Kit for a Rugged Computer	Jun 12
CEILING FANS		Specialty Insulations	Jun 62	If the Shoe Fits, Wear It	Aug 44
Versatile Vac	Jun 47	Noise in the Neighborhood	Jun 28	New & Notable: Ergonomic Mouse,	Aug 44
CELLULAR PHONES		New Twist on Blades	Jun 28	Wire Inserts Thread the Way	Sep 8
Annual Industry Outlook:		Scrolls Come On Strong	Jun 28	Shrinking Fuel Cell	Sep 64
3 Record Breakers for '96	Jan 106	Safety First	Jul 96	Cooperative Era Dawning	Oct 7
New & Notable: Dual-Mode	Mar 24	Cooking Dynamics	Jul 96	Editorial: Check Your Mail	Oct 42
Cellular Phone	Mar 66	Big Picture Looks Bright	Aug 59	Slotless, Brushless Motors Deliver	Oct 52
Clear Call	Mar 66	The Washer Watch	Aug 60	Powder for Coil Coating	Oct 66
CERAMICS		Creative Convergence	Aug 46	Leading Role	Oct 68
Tabletop Cooking	Feb 65	Stealthy Trim	Nov 46	Watching Flat TV	Nov 16
Innovations Geared for	May 64	The Power Connection	Nov 47	CONDENSERS	
Global Challenges	May 68	Creative Touch	Nov 47	Aluminum Tubing for Refrigerators	May 83
CERTIFICATION PROGRAMS		Value in Versatility	Nov 47	Technology Update: Motors—	
(See Testing and Certification)		Variable Flow	Nov 47	High-Efficiency Fan Motors	
CFCs		Reliable Firing	Nov 47	for Refrigerators	May 87
CFC Chiller Phaseout Crawls Along	Jun 68	Linchpin for Liquids	Nov 47	Cutting Edge: Killing Kilowatts	
CHAIN SAWS		COMMUNICATIONS EQUIPMENT		for Conservation	Jul 6
'Golden' Graphics	Mar 71	Annual Industry Outlook:		CONNECTIVITY	
Label Confirms Emissions Compliance	Mar 72	3 Record Breakers for '96	Jan 106	Cutting Edge: Building the	
Cut in Chain Saw Parts	Aug 93	COMPACTORS		Internet into Appliances	Jan 6
Due to Vibration Welding	Aug 72	Annual Industry Outlook:		CONNECTORS AND CORDS	
Polite Power	Oct 76	3 Record Breakers for '96	Jan 106	Performance Is Paramount	Jan 19
Eye Catchers	Oct 68	Technology Backs Design	Apr 19	1997 Market Profile (Component/Material	
CHILLERS		1997 Market Profile (Share of Market)	Apr 19	Consumption)	Apr 27
CFC Chiller Phaseout Crawls Along	Jun 68	New & Notable: Confection of Colors	Jun 18	Connectors & Cords	Apr 35
CHROME		COMPONENTS		Built-in Fire Protection	Apr 35
Aesthetics Sell	Mar 71	IAHR Preview	Jan 95	Global Components	Apr 36
To Plastic from Zinc	Aug 75	Arcelik: In Pursuit of North Africa	Feb G-11	First-End Cable Termination	
No Limits	Aug AHAM-2	Domotechnica Preview:		Technology Is Automated	Apr 42
Stealthy Trim	Aug 96	Bigger Than Ever	Feb 55	True Multimedia Solutions	Apr 42
CLEANUP APPLIANCES		1997 Market Profile (Component/Material		Innovations	Apr 47
(more in related product listings)		Consumption)	Apr 27	CONSUMER DRIVEN	
Annual Industry Outlook:		One-Shot Manufacturing	Apr 59	Wanted: Marketing Engineers	Jul 49
3 Record Breakers for '96	Jan 106	The Power of One	Aug M-29	Editorial: Inside Today's Maytag	Aug 7
1997 Market Profile (Share of Market and		Crystal Clarity	Aug 27	No Limits	Aug AHAM-2
Component/Material Consumption)	Apr 17	Technology Update: Ignition Control—		Moving the Appliance Industry Forward	Aug AHAM-3
CLOCKS		Advance in Fire Lighting	Oct 35	Circling the Globe	Aug 31
Students Show Award-Winning		Parts Direct from CAD	Nov 40	From 'Push-Me, Pull-You' to Harmony	Aug 34
Appliances in Design Oasis	Mar 36	New Technology: Metal		Vacuum Cleaner Impacts Air Quality	Aug 36
CO DETECTORS		Injection Molding	Nov 64	Big Picture Looks Bright	Aug M-5
Driving LCDs	Mar 64	COMPRESSORS		Creative Convergence	Aug M-17
Tenth Annual Excellence		IAHR Preview	Jan 95	A 'Cool' \$180 Million	Aug M-21
in Design Winners	May 39	1997 Market Profile (Component/Material		Prioritizing for the Future	Aug M-24
Innovations Geared for		Consumption)	Apr 27	Frankly Speaking: Engineering	
Global Challenges	May 64	Motor Control Upgrades	Apr 67	an International Mindset	Aug 120
Vinyl Hit: Home for CO Detectors	Aug 88	IATC Preview	Apr 64	CONSUMER ELECTRONICS	
CO ₂		Innovations Geared for		Annual Industry Outlook:	
Cutting Edge: New Process		Global Challenges	May 6	3 Record Breakers for '96	Jan 106
Gives Dry Cleaning Gas	Jun 14	Cutting Edge: Killing Kilowatts		Sanyo: Across Three Oceans	Feb G-20
COATINGS/FINISHES		for Conservation	Jul 34	Sharp: From Pencils to High Tech	Feb G-20
(See Finishes/Coatings)		Technology Update: Motors—		Clear Call	Mar 66
COFFEEMAKERS		New Looks for old Motors	Jul 29	1997 Market Profile (Share of Market)	Apr 27
Annual Industry Outlook:		On-Motor Control	Nov 44	Built-in Fire Protection	Apr 35
3 Record Breakers for '96	Jan 106	Expanding Options	Nov 61	CONSUMER RESEARCH	
1997 Market Profile (Share of Market and		COMPRESSORS & REFRIGERANTS		Moving the Appliance Industry Forward	Aug AHAM-3
Component/Material Consumption)	Apr 27	Thermal Energy Storage	Jun 62	CONTINUOUS IMPROVEMENT	
Switch Turns On Sales Volume	May 72	Holds Cold and Cost	Jun 66	(See Quality)	
Toast and Coffee, Professional Style	May 82	Scrolls Come On Strong	Jun 67	CONTROLS, SOLENOIDS & VALVES	
Linchpin for Liquids	Nov 47	Low-Noise Additive	Jun 68	Savings Up to 25%	Mar 72
COIN-COLLECTING SYSTEM		New Spin: Scroll Air Compressors	Jun 19	1997 Market Profile (Component/Material	
'Quick Change' Not Short-Changed	Jun 76	How Scrolls Work	Jun 19	Consumption)	Apr 27
COMMERCIAL APPLIANCES		Innovations	Jun 106	Switches the Right Menu	
New & Notable: Home Cooking		CFC Chiller Phaseout Crawls Along	Jun 106	for Foodservice Equipment	May 73
Commercial Style	Jan 8	COMPUTERS			
40% Energy Savings	Feb 21	Performance Is Paramount	Jan 106		
Combination Control	Feb 22	Annual Industry Outlook:			
		3 Record Breakers for '96	Jan 106		

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page			
Editorial: This Is Big	Jul	5	New & Notable: Duet on Glass	Jun	18	Creative Touch	Oct	57
Cooking Dynamics	Jul	28	Appliance Usage Practices	Aug	AHAM-8	Prepaint Cuts Costs for HVAC Maker	Nov	40
Controls, Solenoids & Valves	Nov	43	and Perceptions	Aug	28	New Technology: Metal Injection Molding	Nov	40
Seasonal Solution	Nov	43	1997 AM Conference & Expo	Sep	68	Prepaint Special Formula for West Bend Breadmaker	Nov	41
Expanding Options	Nov	44	Line of Light	Oct		CROSS-FUNCTIONAL TEAMS		
Innovations	Nov	44	COPIERS			Creative Convergence	Aug	M-17
Variable Flow	Nov	46	Annual Industry Outlook: 3 Record Breakers for '96	Jan	106	A 'Cool' \$180 Million	Aug	M-24
Reliable Firing	Nov	46	New & Notable: What Is a Mopier?	Apr	8	A First for Small Electrics	Aug	83
Linchpin for Liquids	Nov	47	On-Motor Control	Oct	29	Crystal Clarity	Aug	84
Pitching In	Nov	48	COPPER			Thermoplastic Solution for a Trio of Parts	Aug	90
CONTROLS, TIMERS & SENSORS			Performance Is Paramount	Jan	19	Editorial: Time Is Right for CSPC	Sep	7
IAHR Preview	Jan	95	1997 Market Profile (Component/Material Consumption)	Apr	27	Driving Cost-Effective Advancements	Sep	89
The Human Touch: Intuitive Cooktops	Feb	8	New & Notable: Touch-Sensitive Control Panel	Sep	96	Good Design Is	Nov	52
Controls, Timers & Sensors	Feb	21	CORDLESS (Rechargeable) APPLIANCES			CUTTERS		
40% Energy Savings	Feb	21	Performance Is Paramount	Jan	19	New & Notable: Sonic Cutter	Nov	16
Surface-Element Control Designed for Automation	Feb	21	Cordless Breakthrough	Jan	92	DEALERS		
Combination Control	Feb	22	New & Notable: Ergonomically Sharp	Jan	12	Moving the Appliance Industry Forward	Aug	AHAM-3
Convection Auto Logic	Feb	22	Easy Work	Oct	74	Big Picture Looks Bright	Aug	M-5
An Industry First	Feb	24	CORDSETS			Creative Convergence	Aug	M-17
Innovations	Feb	24	1997 Market Profile (Component/Material Consumption)	Apr	27	Prioritizing for the Future	Aug	M-24
Chemical Sensors: Fire, Smoke, Gas Alarm for the Home	Feb	26	CORRUGATED FIBERBOARD			DECORATIVE TRIM/NAMEPLATES/LABELS (GRAPHICS)		
Dirt Noise Communicates	Feb	60	1997 Market Profile (Component/Material Consumption)	Apr	29	Aesthetics Sell	Mar	71
Washer/Dishwasher Timer with Master Circuit Switch	Feb	61	COST REDUCTIONS (Savings)			'Golden' Graphics	Mar	71
Advanced Technologies	Mar	76	Cutting Edge: Building the Internet into Appliances	Jan	6	Savings Up to 25%	Mar	72
Technology Backs Design	Apr	19	Parts and Properties	Jan	24	Label Confirms Emissions Compliance	Mar	72
1997 Market Profile (Component/Material Consumption)	Apr	27	Rib Review	Jan	26	Laser Makes Its Mark in Acetal	Mar	75
Innovations Geared for Global Challenges	May	64	Comfortable Cost	Mar	54	To Plastic from Zinc	Mar	76
Technology Update: Motors—New Looks for Old Motors	Jul	34	Packing Heat	Mar	57	Advanced Technologies	Mar	76
Vending Machine Certified	Aug	38	Variable Frequency Drives	Mar	61	Innovations	Mar	77
The Washer Watch	Aug	M-11	Clear Call	Mar	64	Cost-Saving Paint Job for a Wireless LAN	Mar	78
Flair for Frigidaire	Aug	94	Aesthetics Sell	Mar	71	1997 Market Profile (Component/Material Consumption)	Apr	27
Creative Touch	Oct	57	Savings Up to 25%	Mar	72	Flair for Frigidaire	Aug	94
CONVECTION			Laser Makes Its Mark in Acetal	Mar	75	Right Mix: Nameplate and Blender Design	Aug	95
Convection Auto Logic	Feb	22	To Plastic from Zinc	Mar	76	Forget the Packaging	Aug	95
Good Health Plays Well	Mar	30	Cost-Saving Paint Job for a Wireless LAN	Mar	78	Breadmaker Appliques Rely on Special Adhesives	Aug	96
Packing Heat	Mar	57	First-End Cable Termination Technology Is Automated	Apr	42	Stealthy Trim	Aug	96
CONVEYOR SYSTEMS			One-Shot Manufacturing	Apr	59	DEHUMIDIFIERS		
Motor Control Updates	Apr	51	IATC Preview	Apr	67	Annual Industry Outlook: 3 Record Breakers for '96	Jan	106
COOKING APPLIANCES (more in related product listings)			Frankly Speaking: 'Smart' Outsourcing—Product Development	Apr	80	1997 Market Profile (Share of Market)	Apr	27
Annual Industry Outlook: 3 Record Breakers for '96	Jan	106	A \$65,000 Plus Savings for Whirlpool	May	71	Driving New Applications for Variable Speed	Oct	39
Escaping the Niche	Feb	64	A 25% Cost Cut	May	74	DENTAL APPLIANCES		
Cooking	Feb	64	Three-Fold Advantage	May	75	Good Health Plays Well	Mar	30
Tabletop Cooking	Feb	64	A 50% Savings	May	76	Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping	Sep	79
Microwave Heating	Feb	67	Technology Update: Molding—Promising Future Ahead for Coinjection	Jun	34	Picture This: A Savings of 95% Plus	Nov	30
1997 Market Profile (Share of Market and Component/Material Consumption)	Apr	27	Thermal Energy Storage Holds Cold and Cost	Jun	61	DESIGN		
Editorial: Lose-Lose Situation for AHAM, Whirlpool	Jun	7	Conversion a Clear Call	Jun	85	New & Notable	Jan	8
1997 AM Conference & Expo	Sep	28	Small Parts, Big Challenge	Jun	88	Performance Is Paramount	Jan	19
Reliable Firing	Nov	46	Receiving Savings Signal	Jun	91	Parts and Properties	Jan	24
COOKTOPS AND BURNERS			Cutting Costs Instead of Metal	Jun	30	Rib Review	Jan	26
Annual Industry Outlook: 3 Record Breakers for '96	Jan	106	Cooking Out Costs	Jul	30	Substitutions Still Growing	Jan	28
The Human Touch: Intuitive Cooktops	Feb	8	Moving the Appliance Industry Forward	Aug	AHAM-3	Cordless Breakthrough	Jan	92
Surface-Element Control Designed for Automation	Feb	21	From 'Push-Me, Pull-You' to Harmony	Aug	34	Cutting Edge: Archimedes Reincarnated Solves Assembly Problems	Feb	8
Matsumita: Strength in Diversity	Feb	G-20	The Washer Watch	Aug	M-11	The Human Touch: Intuitive Cooktops	Feb	8
Escaping the Niche	Feb	64	The Power of One	Aug	M-29	New & Notable	Feb	12
Tabletop Cooking	Feb	65	A First for Small Electrics	Aug	83	40% Energy Savings	Feb	21
Technology Backs Design	Apr	19	A Tough Retail Scanner	Aug	86	Surface-Element Control Designed for Automation	Feb	21
1997 Market Profile (Component/Material Consumption)	Apr	27	42 Parts Eliminated	Aug	89	Combination Control	Feb	22
HVAC's Show of Strength	Apr	51	Material Works Under Pressure	Aug	91	An Industry First	Feb	24
IATC Preview	Apr	67	For Openers: Two Engineering Plastics	Aug	79	Chemical Sensor: Fire, Smoke, Gas Alarm for the Home	Feb	26
Tenth Annual Excellence in Design Winners	May	39	Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping	Sep	87	Dirt Noise Communicates	Feb	60
Definitely Domo	May	51	Stainless Steel Heating Element	Sep	89	Washer/Dishwasher Timer with Master Circuit Switch	Feb	61
Innovations Geared for Global Challenges	May	64	Driving Cost-Effective Advancements	Sep	91			
			Terminated Wire On Demand	Sep	37			
			Taking It to the Source	Oct				

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
Editorial: Next Challenge	Mar 7	42 Parts Eliminated	Aug 86	DIAGNOSTICS	
The Human Touch: Gripping Designs	Mar 14	Thermoplastic Solution	Aug 90	Cutting Edge: Building the	
New & Notable	Mar 24	for a Trio of Parts	Aug 91	Internet into Appliances	Jan 6
Technology Update: Electrical Testing—		For Openers: Two Engineering Plastics	Aug 93	The Power Connection	Sep 59
EMI/RFI Solutions	Mar 27	Cut in Chain Saw Parts Due		DICATION EQUIPMENT	
Good Health Plays Well	Mar 30	to Vibration Welding	Aug 95	Annual Industry Outlook:	
Students Show Award-Winning		Right Mix: Nameplate and		3 Record Breakers for '96	Jan 106
Appliances in Design Oasis	Mar 36	Blender Design	Aug 96	DIE CASTING	
Constant Velocity Air Foil	Mar 39	Stealthy Trim	Aug 10	(See Stampings, Die Castings & P/M)	
Handling the Heat	Mar 42	The Human Touch: Assessing		DIES	
Noise and Vibration	Mar 48	Ergonomics During Prototyping	Sep 14	From 15 Min. to 90-Sec.	
Comfortable Cost	Mar 54	1997 AM Conference & Expo	Sep 28	Die Changeover	Jul 44
Go with the Flow	Mar 55	Prototyping/Design Software	Sep 79	Parts Direct from CAD	Nov 35
Packing Heat	Mar 57	Stainless Steel Heating Element	Sep 87	DIGITAL	
Driving LCDs	Mar 64	Driving Cost-Effective Advancements	Sep 89	On-Motor Control	Oct 29
Clear Call	Mar 66	New & Notable	Sep 96	DISC DRIVES	
Aesthetics Sell	Mar 71	Editorial: Check Your Mail	Oct 7	Annual Industry Outlook:	
Savings Up to 25%	Mar 72	Enviro Scene: On Getting		3 Record Breakers for '96	Jan 106
Label Confirms Emissions Compliance	Mar 75	Really Turned Off	Oct 8	DISHWASHERS	
Laser Makes Its Mark in Acetal	Mar 76	The Human Touch: Designing		Substitutions Still Growing	Jan 28
To Plastic from Zinc	Mar 76	Ergonomic Displays	Oct 13	Annual Industry Outlook:	
Advanced Technologies	Mar 76	New & Notable	Oct 14	3 Record Breakers for '96	Jan 106
New & Notable	Apr 8	On-Motor Control	Oct 29	New & Notable: Quiet Energy Saver	Feb 12
Technology Backs Design	Apr 19	OEM-Driven Motors	Oct 30	Bosch-Siemens:	
Built-in Fire Protection	Apr 35	No. 1 Is Efficiency; No. 2 Is Noise	Oct 34	World-Class Determination	Feb G-6
HVAC's Show of Strength	Apr 51	Taking It to the Source	Oct 37	Miele: An International Presence	Feb G-8
One-Shot Manufacturing	Apr 59	Slotless, Brushless Motors Deliver	Oct 47	Arcelik: In Pursuit of North Africa	Feb G-11
IATC Preview	Apr 67	Creative Touch	Oct 57	Samsung: A Global Vision	Feb G-18
Frankly Speaking: 'Smart' Outsourcing—		Value in Versatility	Oct 60	Matsushita: Strength in Diversity	Feb G-20
Product Development	Apr 80	Showing the Way	Oct 65	Sanyo: Across Three Oceans	Feb G-20
New & Notable	May 24	Leading Role	Oct 66	Sharp: From Pencils to High Tech	Feb G-20
Tenth Annual Excellence		Challenger to LCDs	Oct 67	Washer/Dishwasher Timer	
in Design Winners	May 39	Line of Light	Oct 68	with Master Circuit Switch	Feb 61
Definitely Domo	May 51	Watching Flat TV	Oct 68	Students Show Award-Winning	
Whirlpool's Witwam Delivers		This Screen Watches You!	Oct 70	Appliances in Design Oasis	Mar 36
Poetic Warning	May 54	Polite Power	Oct 72	Packing Heat	Mar 57
GEA: Backing Strategy with Product	May 59	Cutting Edge: Prepare for Plastic Power	Nov 14	New & Notable: Mini Dishwasher	Apr 8
By the Way: Spin on Recycling	May 124	New & Notable	Nov 16	Technology Backs Design	Apr 19
New & Notable	Jun 18	Picture This: A Savings of 95% Plus	Nov 30	1997 Market Profile (Share of Market and	
Designing with an AIM	Jun 54	New Technology: Metal		Component/Material Consumption)	Apr 27
New Twist on Blades	Jun 54	Injection Molding	Nov 40	IATC Preview	Apr 67
Exclusive: Fastening/Joining Study	Jun 69	Prepait Special Formula		Definitely Domo	May 51
Survival Kit for a Rugged Computer	Jun 72	for West Bend Breadmaker	Nov 41	New & Notable: 'Rosey' the Dishwasher,	
'Quick Change' Not Short-Changed	Jun 76	Seasonal Solution	Nov 43	Confection of Colors	Jun 18
If the Shoe Fits, Wear It	Jun 79	Expanding Options	Nov 44	Wanted: Marketing Engineers	Jul 49
Safety First	Jun 81	Variable Flow	Nov 46	By the Way: 2001—A Waste Odyssey	Jul 72
Conversion a Clear Call	Jun 85	Linchpin for Liquids	Nov 47	No Limits	Aug AHAM-2
Small Parts, Big Challenge	Jun 86	Pitching In	Nov 48	Moving the Appliance Industry Forward	Aug AHAM-3
Quick Pix	Jun 92	Good Design Is... ..	Nov 52	Appliance Usage Practices	
Pressed Magnetics	Jun 92	DESIGN FOR ASSEMBLY		and Perceptions	Aug AHAM-8
Editorial: This Is Big	Jul 5	Cutting Edge: Archimedes Reincarnated		Creative Convergence	Aug M-17
Cutting Edge: Killing Kilowatts		Solves Assembly Problems	Feb 6	Two-Way Dependability	Aug 92
for Conservation	Jul 6	IATC Preview	April 67	1997 AM Conference & Expo	Sep 28
New & Notable	Jul 10	By the Way: Spin on Recycling	May 124	OEM-Driven Motors	Oct 30
Hot Now	Jul 27	DESIGN FOR ENVIRONMENT		Driving New Applications	
Cooking Dynamics	Jul 28	By the Way: Spin on Recycling	May 124	for Variable Speed	Oct 39
Cooking Out	Jul 30	DESIGN FOR DISASSEMBLY		DISPLAYS	
Wanted: Marketing Engineers	Jul 49	A 'Cool' \$180 Million	Aug M-21	(See Switches/Relays/Displays)	
FEA-Designed Seals	Jul 53	DESIGN-TO-MARKET CYCLE		DISPOSERS	
Advantages of Open-Cell Elastomers	Jul 53	A First for Small Electronics	Aug 83	Annual Industry Outlook:	
By the Way: 2001: A Waste Odyssey	Jul 72	Thermoplastic Solution		3 Record Breakers for '96	Jan 106
Cutting Edge: Holography to		for a Trio of Parts	Aug 90	GE Appliances: The Polar Approach	Feb G-22
Design in Thin Air	Aug 8	DESIGN TO PRODUCTION		1997 Market Profile (Share of Market and	
New & Notable	Aug 10	A \$65,000 Plus Savings for Whirlpool	May M-21	Component/Material Consumption)	Apr 27
No Limits	Aug AHAM-2	Three-Fold Advantage	May 71	Environmentally Friendly	
Circling the Globe	Aug 31	DESIGN FOR RECYCLING		Garbage Disposer	Nov 30
From 'Push-Me, Pull-You' to Harmony	Aug 34	By the Way: Spin on Recycling	May 124	DOE	
Vending Machine Certified	Aug 38	Editorial: This Is Big	Jul 5	Editorial: Lose-Lose Situation	
Rehabicare Earns MDD Certification	Aug 38	A 'Cool' \$180 Million	Aug M-21	for AHAM, Whirlpool	Jun 7
Big Picture Looks Bright	Aug M-5	1997 AM Conference & Expo	Sep 28	Wanted: Marketing Engineers	Jul 49
The Washer Watch	Aug M-11	DESIGN FOR SERVICEABILITY		From 'Push-Me, Pull-You' to Harmony	Aug 34
Creative Convergence	Aug M-17	Comfortable Cost	Mar 54	Big Picture Looks Bright	Aug M-5
Prioritizing for the Future	Aug M-24	Packing Heat	Mar 57	The Washer Watch	Aug M-11
A First for Small Electronics	Aug 83	By the Way: Spin on Recycling	May 124	A 'Cool' \$180 Million	Aug M-21
Crystal Clarity	Aug 84	Exclusive: Fastening/Joining Study	Jun 69	DOOR LATCH	
A Tough Retail Scanner	Aug 86	A 'Cool' \$180 Million	Aug M-21	Two-Way Dependability	Aug 92
				DRY CLEANING MACHINES	
				Cutting Edge: New Process Gives	
				Dry Cleaning Gas	Jun 14

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
ELECTRICAL MANUFACTURING & COIL WINDING		Editorial: Lose-Lose Situation for AHAM, Whirlpool.....Jun	7	Environmentally Friendly Garbage Disposer.....Nov	30
Terminated Wire On Demand.....Sep	91	Cutting Edge: New Process Gives Dry Cleaning Gas.....Jun	14	10-Fold Growth in Steel Recycling.....Nov	36
'Global Market' Theme for EIC/EMCW Expo.....Sep	92	Specialty Insulations.....Jun	43	250 Tons of White Turned into 'Green' Daily.....Nov	39
Connection Sans Holding Device.....Sep	93	Vacuum-Panel Update.....Jun	44	Prepaint Cuts Costs for HVAC Maker.....Nov	40
Innovations.....Sep	95	Thermal Energy Storage Holds Cold and Cost.....Jun	61	Good Design Is.....Nov	52
ELECTRICITY		Scrolls Come On Strong.....Jun	62	EPA	
The Power Connection.....Sep	59	CFC Chiller Phaseout Crawls Along.....Jun	68	Label Confirms Emissions Compliance.....Mar	72
European Majors on the Move.....Sep	60	Frankly Speaking: Don't Let EPACT Catch You By Surprise.....Jun	104	Cutting Edge: New Process Gives Dry Cleaning Gas.....Jun	14
Cooperative Era Dawning.....Sep	144	Cutting Edge: Killing Kilowatts for Conservation.....Jul	6	From 'Push-Me, Pull-You' to Harmony.....Aug	34
By the Way: A Mystery in the Making.....Sep	144	Hot Now.....Jul	27	Vacuum Cleaner Impacts Air Quality.....Aug	36
Enviro Scene: On Getting Really Turned Off.....Nov	8	Cooking Dynamics.....Jul	28	Enviro Scene: On Getting Really Turned Off.....Oct	8
ELECTRONICS		Technology Update: Motors—New Looks for Old Motors.....Jul	34	Polite Power.....Oct	72
Cutting Edge: Building the Internet into Appliances.....Jan	6	Wanted: Marketing Engineers.....Jul	49	ERGONOMICS	
40% Energy Savings.....Feb	21	FEA-Designed Seals.....Jul	53	Performance Is Paramount.....Jan	19
Convection Auto Logic.....Feb	22	By the Way: 2001—A Waste Odyssey.....Jul	72	Cordless Breakthrough.....Jan	92
Samsung: A Global Vision.....Feb	G-18	Circling the Globe.....Aug	31	By the Way: His Specialty—Ergonomics.....Jan	120
Handling the Heat.....Mar	42	From 'Push-Me, Pull-You' to Harmony.....Aug	34	The Human Touch: Intuitive Cooktops.....Feb	8
Comfortable Cost.....Mar	54	Big Picture Looks Bright.....Aug	M-4	New & Notable: Ergonomically Sharp.....Feb	12
Go with the Flow.....Mar	55	The Washer Watch.....Aug	M-11	The Human Touch: Gripping Designs.....Mar	14
Driving LCDs.....Mar	64	Creative Convergence.....Aug	M-17	Definitely Domo.....May	51
Clear Call.....Mar	66	A 'Cool' \$180 Million.....Aug	M-21	The Washer Watch.....Aug	M-11
Cutting Edge: Appliances Wear Nose Chips.....Apr	6	Prioritizing for the Future.....Aug	M-24	Creative Convergence.....Aug	M-17
Technology Backs Design.....Apr	19	42 Parts Eliminated.....Aug	86	Thermoplastic Solution for a Trio of Parts.....Aug	90
Moisture Detector.....Apr	52	The Power Connection.....Sep	55	The Human Touch: Assessing Ergonomics During Prototyping.....Sep	10
Innovations Geared for Global Challenges.....May	64	European Majors on the Move.....Sep	60	1997 AM Conference & Expo.....Sep	28
Technology Update: Motors—High-Efficiency Fan Motors for Refrigerators.....May	87	Behavior Change.....Sep	87	Easy Work.....Oct	74
Designing with an AIM.....Jun	54	By the Way: A Mystery in the Making.....Sep	144	EVAPORATORS	
Survival Kit for a Rugged Computer.....Jun	72	Enviro Scene: On Getting Really Turned Off.....Oct	8	Innovations Geared for Global Challenges.....May	64
Cooking Out Cost.....Jul	30	No. 1 Is Efficiency; No. 2 Is Noise.....Oct	34	Aluminum Tubing for Refrigerators.....May	83
Controlling Consistency.....Jul	32	Driving New Applications for Variable Speed.....Oct	39	Technology Update: Motors: High-Efficiency Fan Motors for Refrigerators.....May	87
The Washer Watch.....Aug	M-11	Polite Power.....Oct	72	Thermal Energy Storage Holds Cold and Cost.....Jun	61
The Power of One.....Aug	M-29	Seasonal Solutions.....Nov	43	Cutting Edge: Killing Kilowatts for Conservation.....Jul	6
European Majors on the Move.....Sep	60	Expanding Options.....Nov	44	EXTRACTORS	
Editorial: Check Your Mail.....Oct	7	Reliable Flow.....Nov	46	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
On-Motor Control.....Oct	29	ENGINEERING		1997 Market Profile (Share of Market).....Apr	27
Driving New Applications for Variable Speed.....Oct	39	Wanted: Marketing Engineers.....Jul	49	FANS (Consumer)	
Driven by Variable-Speed Demand.....Oct	42	Frankly Speaking: Engineering an International Mindset.....Aug	120	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Good Design Is.....Nov	52	ENVIRONMENTAL ISSUES		Domotechnica Preview: Bigger Than Ever.....Feb	55
EMI/RFI		Chemical Sensors: Fire, Smoke, Gas Alarm for the Home.....Feb	26	Good Health Plays Well.....Mar	30
Technology Update: Electrical Testing—EMI/RFI Solutions.....Mar	27	Arceik: In Pursuit of North Africa.....Feb	G-11	Motor Control Upgrades.....Apr	51
Global Components.....Apr	36	Cutting Edge: With Ozone, It All Comes Out in the Wash.....Mar	8	FANS (Industrial) AND BLOWERS (See Motors, Fans & Blowers)	
IATC Preview.....Apr	67	Label Confirms Emissions Compliance.....Mar	72	IAHR Preview.....Jan	95
Brushless Business.....Jun	48	Laser Makes Its Mark in Acetal.....Mar	75	1997 Market Profile (Component/Material Consumption).....Apr	27
Quick Pix.....Jun	90	Environmentally Safe Vinyl.....Apr	12	Innovations Geared for Global Challenges.....May	64
Circling the Globe.....Aug	31	Cutting Edge: Put a Heat Pump in Your Pocket.....May	12	Technology Update: Motors—High-Efficiency Fan Motors for Refrigerators.....May	87
On-Motor Control.....Oct	29	Tenth Annual Excellence in Design Winners.....May	39	Cutting Edge: Killing Kilowatts for Conservation.....Jul	6
Slotless, Brushless Motors Deliver.....Oct	47	GEA: Backing Strategy with Product.....May	59	On-Motor Control.....Oct	29
ENERGY EFFICIENCY (Savings)		By the Way: Spin on Recycling.....May	124	OEM-Driven Motors.....Oct	30
New & Notable: Quiet Energy Saver.....Feb	12	Frankly Speaking: Don't Let EPACT Catch You By Surprise.....Jun	104	Driving New Applications for Variable Speed.....Oct	39
40% Energy Savings.....Feb	21	Wanted: Marketing Engineers.....Jul	49	FASTENERS/ADHESIVES/JOINING	
Samsung: A Global Vision.....Feb	G-18	By the Way: 2001—A Waste Odyssey.....Jul	72	Advanced Technologies.....Mar	76
Noise and Vibration.....Mar	48	From 'Push-Me, Pull-You' to Harmony.....Aug	34	1997 Market Profile (Component/Material Consumption).....Apr	27
Horizontal Axis Washers.....Mar	52	Vacuum Cleaner Impacts Air Quality.....Aug	36	A 25% Cost Cut.....May	74
Comfortable Cost.....Mar	54	ISO 14000: What You Need to Know.....Aug	95	Three-Fold Advantages.....May	75
Go with the Flow.....Mar	55	Forget the Packaging.....Aug	28	Fasteners/Adhesives/Joining.....Jun	69
Packing Heat.....Mar	57	1997 AM Conference & Expo.....Sep	87		
Variable Frequency Drives.....Mar	61	Stainless Steel Heating Element.....Sep	87		
Driving LCDs.....Mar	64	Enviro Scene: On Getting Really Turned Off.....Oct	8		
Technology Backs Design.....Apr	19	Pioneering in Powder.....Oct	51		
Motor Control Upgrades.....Apr	51	Powder for Coil Coating.....Oct	52		
IATC Preview.....Apr	67				
Innovations Geared for Global Challenges.....May	64				
Technology Update: Motors—High-Efficiency Motors for Refrigerators.....May	87				

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
Exclusive: Fastening/Joining Study.....Jun	69	1997 Market Profile (Share of Market and Component/Material Consumption).....Apr	27	Groupe Brandt: French Giant.....Feb	G-8
Survival Kit for a Rugged Computer.....Jun	72	Noise Reducers.....Apr	54	Miele: An International Presence.....Feb	G-8
Adhesive a Cure for Medical Device.....Jun	75	Brushless Business.....Jun	47	Electrolux: SEK 21B Goal for Latin America, Asia and Eastern Europe.....Feb	G-10
'Quick Change' Not Short-Changed.....Jun	76	Designing with an AIM.....Jun	54	Arcelik: In Pursuit of North Africa.....Feb	G-11
100% Savings in Rework Labor.....Jun	77	Wanted: Marketing Engineers.....Jul	48	Europe at a Glance.....Feb	G-12
Precision Potting for Recorder Bulb.....Jun	78	OEM Associations Play Active Role.....Aug	35	Europe at a Glance.....Feb	G-13
If the Shoe Fits, Wear It.....Jun	79	1997 AM Conference & Expo.....Sep	28	Daewoo Electronics: Driving a Tank.....Feb	G-14
Tape Cuts Failure Rate to Near 0.....Jun	80	Technology Update: Ignition Control—Advance in Fire Lighting.....Oct	27	LG Electronics: The Local Company.....Feb	G-15
A \$35,000 Savings.....Jun	80	No. 1 Is Efficiency; No. 2 Is Noise.....Oct	34	Maytag: A China Connection.....Feb	G-16
Safety First.....Jun	81	Reliable Firing.....Nov	46	China at a Glance.....Feb	G-17
Innovations.....Jun	82	FUZZY LOGIC		Samsung: A Global Vision.....Feb	G-18
Technology Update: Wire Inserts Thread the Way.....Aug	44	40% Energy Savings.....Jan	21	Matsushita: Strength in Diversity.....Feb	G-20
Breadmaker Appliques Rely on Special Adhesives.....Aug	96	Bosch-Siemens: World-Class Determination.....Feb	G-6	Sanyo: Across Three Oceans.....Feb	G-20
1997 AM Conference & Expo.....Sep	28	Creative Convergence.....Aug	M-17	Sharp: From Pencils to High Tech.....Feb	G-20
Technology Update: Adhesives—Silicones See the Light.....Nov	27	GARAGE DOOR OPENERS		Whirlpool: U.S. Leader Pursues Global Blueprint.....Feb	G-21
FAXES		For Openers: Two Engineering Plastics.....Aug	91	GE Appliances: The Polar Approach.....Feb	G-22
New & Notable: Fingertip Fax.....Jan	8	European Majors on the Move.....Sep	60	North America at a Glance.....Feb	G-23
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Enviro Scene: On Getting Really Turned Off.....Oct	8	Domotecnica Preview:	
FINISHES/COATINGS		GAS APPLIANCES		Bigger Than Ever.....Feb	55
Technology Update: Better Powder Coating.....Jan	115	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Editorial: Next Challenge.....Mar	7
1997 Market Profile (Component/Material Consumption).....Apr	27	Handling the Heat.....Mar	42	Technology Update: Electrical Testing—EMI/RFI Solutions.....Mar	27
Pioneering in Powder.....Oct	51	1997 Market Profile (Share of Market and Component/Material Consumption).....Apr	27	Handling the Heat.....Mar	42
Lawn Tractor Now Powder Painted.....Nov	29	IATC Preview.....Apr	67	Horizontal Axis Washers.....Mar	52
FINITE ELEMENT ANALYSIS		Noise in the Neighborhood.....Jun	50	Packing Heat.....Mar	57
FED-Designed Seals.....Jul	53	Designing with an AIM.....Jun	54	Editorial: Rethinking	
FIREPLACES		Editorial: This Is Big.....Jul	5	Germany, America.....Apr	4
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Cutting Edge: The Incredible Shrinking Fuel Cell.....Sep	8	Cutting Edge: Appliances	
Combination Control.....Feb	22	1997 AM Conference & Expo.....Sep	28	Wear Nose Chips.....Apr	6
Domotecnica Preview: Bigger Than Ever.....Feb	55	By the Way: A Mystery in the Making.....Sep	144	Global Components.....Apr	36
Technology Backs Design.....Apr	19	Polite Power.....Oct	72	IATC Preview.....Apr	67
IATC Preview.....Apr	67	Easy Walk.....Oct	74	Definitely Domo.....May	51
By the Way: 2001—A Waste Odyssey.....Jul	72	Variable Flow.....Nov	44	Whirlpool's Whitwam Delivers Poetic Warning.....May	54
FLASHLIGHTS/RELATED PRODUCTS		Good Design Is.....Nov	52	Electrolux' Palm Wants Emotion.....May	56
Performance Is Paramount.....Jan	19	GASKETS AND SEALS		GEA: Backing Strategy with Product.....May	59
Tenth Annual Excellence in Design Winners.....May	39	1997 Market Profile (Component/Material Consumption).....Apr	27	Innovations Geared for Global Challenges.....May	64
FLOOR CARE		Gaskets & Seals.....Jul	53	Switch Turns On Sales Volume.....May	72
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	FEA-Designed Seals.....Jul	53	Thermal Energy Storage Holds Cold and Cost.....Jun	61
1997 Market Profile (Share of Market).....Apr	27	Parker Adds Fabrication.....Jul	53	Scrolls Come On Strong.....Jun	62
FLOOR POLISHERS		Advantages of Open-Cell Elastomers.....Jul	53	Cooking Out Cost.....Jul	30
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Dispensing with Hand Fatigue.....Jul	54	Wanted: Marketing Engineers.....Jul	49
1997 Market Profile (Share of Market).....Apr	27	Motor Protection Systems.....Jul	57	Editorial: Inside Today's Maytag.....Aug	7
FOOD PRESERVATION (See Refrigerators/Freezers)		Innovations.....Jul	58	Circle the Globe.....Aug	31
FOOD PROCESSORS		Technology Update: Adhesives—Silicones See the Light.....Nov	27	Hamilton Beach/Proctor-Silex Plants ISO 9002 Certified.....Aug	32
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	GEARS		OEM Associations Play Active Role.....Aug	35
1997 Market Profile (Share of Market).....Apr	27	1997 Market Profile (Component/Material Consumption).....Apr	27	Rehabicare Earns MDD Certification.....Aug	38
FOODSERVICE APPLIANCES		For Openers: Two Engineering Plastics.....Aug	91	CE Directive Is the Law Not the Standard.....Aug	41
Annual Industry First.....Feb	24	GLASS/GLASS CERAMIC		ISO 14000: What You Need to Know.....Aug	42
Escaping the Niche.....Feb	64	New & Notable: Double Glass for Longer Life.....Feb	12	Big Picture Looks Bright.....Aug	M-5
Switches the Right Menu for Foodservice Equipment.....May	73	1997 Market Profile (Component/Material Consumption).....Apr	27	A 'Cool' \$180 Million.....Aug	M-21
Specialty Insulations.....Jun	43	Innovations Geared for Global Challenges.....May	64	Frankly Speaking: Engineering an International Mindset.....Aug	120
Safety First.....Jun	81	Adhesive a Cure for Medical Device.....Jun	75	European Majors on the Move.....Sep	60
New & Notable.....Jul	10	Line of Light.....Oct	68	Driving Cost-Effective Advancements.....Sep	89
Cooking Dynamics.....Jul	28	GLOBAL (International)		'Global Market' Theme for EIC/EMCW Expo.....Sep	92
Controlling Consistency.....Jul	32	Editorial: Recession Proof?! Naam! Ya! Shy!.....Jan	5	Editorial: Your Show—AMCE.....Nov	7
Tool Has 15 Lives.....Jul	41	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	10-Fold Growth in Steel Recycling.....Nov	36
Variable Flow.....Nov	46	Editorial: The World's in Your Hands.....Feb	5	Pitching In.....Nov	48
FURNACES		40% Energy Savings.....Feb	21	Good Design Is.....Nov	52
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Exclusive Global Report: Majors.....Feb	27 (G-1)	GRILLS	
Technology Backs Design.....Apr	19	Worldwide: Rapid Growth Ahead in Asia, Latin America.....Feb	G-2	Good Health Plays Well.....Mar	30
		The World at a Glance.....Feb	G-4	1997 Market Profile (Share of Market).....Apr	29
		Bosch-Siemens: World-Class Determination.....Feb	G-6	IATC Preview.....Apr	67
		Europe at a Glance.....Feb	G-6	New & Notable: 'Quickstart' Lighting System.....Oct	14
				Technology Update: Ignition Control—Advance in Fire Lighting.....Oct	27
				A Powder-Coated Burger?.....Oct	54

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
GRIPS		HOUSEWARES (See Small Electrics)		Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping.....Sep	79
The Human Touch: Gripping Designs.....Mar	14	HUMIDIFIERS		New Technology: Metal Injection Molding.....Nov	40
1997 Market Profile (Component/Material Consumption).....Apr	29	Domotecnica Preview: Bigger Than Ever.....Feb	55	INSECT CONTROL	
Creative Touch.....Oct	57	Annual Industry Profile (Share of Market).....Apr	27	Tenth Annual Excellence in Design Winners.....May	39
Easy Work.....Oct	74	HVAC (more in related product listings)		INSULATION	
HAIR CLIPPERS		IAHR Preview.....Jan	95	Handling the Heat.....Mar	42
Substitutions Still Growing.....Jan	28	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Technology Backs Design.....Apr	19
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Editorial: Next Challenge.....Mar	3	1997 Market Profile (Component/Material Consumption).....Apr	27
HAIRDRIERS		Comfortable Cost.....Mar	54	Insulation.....Jun	43
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Go with the Flow.....Mar	55	Specialty Insulations.....Jun	43
1997 Market Profile (Share of Market).....Apr	27	Variable Frequency Drives.....Mar	61	Vacuum-Panel Update.....Jun	44
HAIR SETTERS		1997 Market Profile (Share of Market and Component/Material Consumption).....Apr	27	A Case for Pentanes.....Jun	44
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	HVAC's Show of Strength.....Apr	51	Cutting Edge: Killing Kilowatts for Conservation.....Jul	6
1997 Market Profile (Share of Market).....Apr	29	Motor Control Upgrades.....Apr	53	INTERNET	
HCFCs		Noise Reducers.....Apr	54	Cutting Edge: Building the Internet into Appliances.....Jan	6
A Case for Pentanes.....Jun	44	Tenth Annual Excellence in Design Winners.....May	39	New & Notable: Telephone Internet Appliance.....Mar	24
HEAT EXCHANGERS		Specialty Insulations.....Jun	43	IRONS	
HVACs Show of Strength.....Apr	51	From 15 Min. to 90-Sec. Die Changeovers.....Jul	44	Performance Is Paramount.....Jan	19
Aluminum Tubing for Refrigerators.....May	83	By the Way: 2001—A Waste Odyssey.....Jul	72	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Thermal Energy Storage Holds Cold and Costs.....Jun	61	European Majors on the Move.....Sep	60	Students Show Award-Winning Appliances in Oasis.....Mar	36
HEAT PUMPS		Comfort Link.....Sep	72	1997 Market Profile (Share of Market).....Apr	27
(See Air Conditioners and Heat Pumps)		Behavior Change.....Sep	144	Show Stoppers.....May	61
HEATERS		By the Way: A Mystery in the Making.....Sep	7	A First for Small Electrics.....Aug	83
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Editorial: Check Your Mail.....Oct	42	ISO	
Combination Control.....Feb	22	Driven by Variable-Speed Demand.....Oct	39	IATC Preview.....Apr	67
Domotecnica Preview: Bigger Than Ever.....Feb	55	250 Tons of White Turned into 'Green' Daily.....Nov	40	Circling the Globe.....Aug	31
Packing Heat.....Mar	57	Prepainted Cuts Costs for HVAC Maker.....Nov	46	Hamilton Beach/Proctor-Silex Plants ISO 9002 Certified.....Aug	32
1997 Market Profile (Share of Market).....Apr	27	Variable Flow.....Nov	49	Rehabilitate Earns MDD Certification.....Aug	38
Wanted: Marketing Engineers.....Jul	12	HVAC/Home Builder Study.....Nov	35	ISO 14000: What You Need to Know.....Aug	42
New & Notable: Year-Round Comfort OEM Associations Play Active Role.....Aug	96	ICEMAKERS		Driving Cost-Effective Advancements.....Sep	89
New & Notable: Convection Heater.....Sep	46	Technology Backs Design.....Apr	18	JIT	
Reliable Firing.....Nov	95	New & Notable: Confection of Colors.....Jun	10	The Power of One.....Aug	M-29
HEATING ELEMENTS		New & Notable: Self-Cleaning Ice Machine.....Jul	12	JOINING	
IAHR Preview.....Jan	57	New & Notable: Smart Ice Machine.....Jul	95	(See Fastening/Adhesives/Joining)	
Packing Heat.....Mar	58	IGNITERS		KETTLES	
Innovations.....Mar	27	IAHR Preview.....Jan	27	Stainless Steel Heating Element.....Sep	87
1997 Market Profile (Component/Material Consumption).....Apr	27	1997 Market Profile (Component/Material Consumption).....Apr	51	KNIVES (electric)	
Hot Now.....Jul	87	HVAC's Show of Strength.....Apr	27	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Heating Elements.....Sep	89	Technology Update: Ignition Control—Advance in Fire Lighting.....Oct	27	1997 Market Profile (Share of Market).....Apr	27
Stainless Steel Heating Element.....Sep	90	IMAGE RECORDERS		KNOBES AND HANDLES	
Driving Cost-Effective Advancements.....Sep	8	Precision Potting for Recorder Bulb.....Jun	78	Surface-Element Control Designed for Automation.....Feb	21
Innovations.....Sep	28	INDOOR AIR QUALITY		Aesthetics Sell.....Mar	71
HOLOGRAPHY		1997 AM Conference & Expo.....Sep	64	1997 Market Profile (Component/Material Consumption).....Apr	27
Cutting Edge: Using Holography to Design in Thin Air.....Aug	6	INDUCTION		LABELS	
HOME AND PORTABLE AUDIO PRODUCTS		Escaping the Niche.....Feb	66	(See Decorative Trim/Nameplates/Labels)	
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	INFORMATION AGE		LASER PLAYERS	
HOME AUTOMATION		Leading Role.....Oct	42	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Cutting Edge: Building the Internet into Appliances.....Jan	5	INJECTION-METAL ASSEMBLY		LASERS	
Editorial: This Is Big.....Jul	72	First-End Cable Termination Technology Is Automated.....Apr	19	Laser Makes Its Mark in Acetal.....Mar	75
By the Way: 2001—A Waste Odyssey.....Jul	28	INJECTION MOLDING		Advanced Technologies.....Mar	76
1997 AM Conference & Expo.....Sep	59	Performance Is Paramount.....Jan	24	Cutting Edge: Using Holography to Design in Thin Air.....Aug	8
Home Automation: The Power Connection.....Sep	60	Parts and Performance.....Jan	26	A Tough Retail Scanner.....Aug	86
European Majors on the Move.....Sep	64	Rib Review.....Jan	63	New & Notable: A Visible Rotary Laser.....Oct	14
Cooperative Era Dawning.....Sep	68	New Developments in Injection Molding.....Apr	5	Parts Direct from CAD.....Nov	35
Consumers peak.....Sep	70	Editorial: This Is Big.....Jul	83	LAUNDRY APPLIANCES	
Comfort Link.....Sep	74	A First for Small Electrics.....Aug	84	(more in related product listings)	
Behavior Change.....Sep	74	Crystal Clarity.....Aug	86	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Digital Home.....Sep	74	A Tough Retail Scanner.....Aug	88	1997 Market Profile (Share of Market and Component/Material Consumption).....Apr	27
Surge Concern.....Sep	106	42 Parts Eliminated.....Aug	89	LAWN AND GARDEN	
HOME INFORMATION PRODUCTS		Vinyl Hits Home for CO Detectors.....Aug	92	(more in related product listings)	
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	27	Material Works Under Pressure.....Aug	93	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
HOSE		Two-Way Dependability.....Aug		1997 Market Profile (Share of Market and Component/Material Consumption).....Apr	27
1997 Market Profile (Component/Material Consumption).....Apr		Cut in Chain Saw Parts Due to Vibration Welding.....Aug			

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
Noise in the Neighborhood	Jun 50	MANIFOLDS		1997 Market Profile (Component/Material Consumption).....	Apr 27
OEM Associations Play Active Role	Aug 35	1997 Market Profile (Component/Material Consumption).....	Apr 27	MEASURING DEVICES	
Lawn, Garden & Power Equipment Expo 97 Review	Oct 70	MANUALS		New & Notable: Push-Button Measuring	May 24
Polite Power	Oct 72	Appliance Usage Practices and Perceptions	Aug AHAM-8	MEDICAL APPLIANCES	
Easy Work	Oct 74	MANUFACTURING/PRODUCTION		Annual Industry Outlook: 3 Record Breakers for '96	Jan 106
Electric Storm	Oct 75	IAHR Preview	Jan 95	Chemical Sensors: Fire, Smoke, Gas Alarm for the Home	Feb 26
Clear Choice	Oct 76	IATC Preview	Apr 67	Good Health Plays Well	Mar 30
Eye Catchers	Oct 76	Circling the Globe	Aug 31	Clear Call	Mar 66
Lawn Tractors Now Powder Painted	Nov 29	Vending Machine Certified	Aug 38	Global Components	Apr 36
LEAF BLOWERS		Rehabicare Earns MDD Certification	Aug 38	New Developments in Injection Molding	Apr 63
1997 Market Profile (Share of Market)	Apr 27	Technology Update: Fasteners—Wire Inserts Thread the Way	Aug 44	IATC Preview	Apr 67
Noise in the Neighborhood	Jun 50	The Washer Watch	Aug M-11	Tenth Annual Excellence in Design Winners	May 39
Polite Power	Oct 72	Creative Convergence	Aug M-17	Innovations Geared for Global Challenge	May 64
Easy Work	Oct 74	A 'Cool' \$180 Million	Aug M-21	Brushless Business	Jun 48
Clear Choice	Oct 76	The Power of One	Aug M-29	Adhesive a Cure for Medical Device	Jun 75
LCD DISPLAYS		A First for Small Electrics	Aug 83	Rehabicare Earns MDD Certification	Aug 38
Cutting Edge: Building the Internet into Appliances	Jan 6	Thermoplastic Solution for a Trio of Parts	Aug 90	Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping	Sep 79
Dirty Noise Communicates	Feb 60	Terminated Wire On Demand	Sep 91	Editorial: Check Your Mail	Oct 7
Driving LCDs	Mar 64	Prepaint Cuts Costs for HVAC Maker	Nov 40	OEM-Driven Motors	Oct 42
A 25% Cost Cut	May 74	Prepaint Special Formula for West Bend Breadmaker	Nov 41	Slotless, Brushless Motors Deliver	Oct 42
Cooking Out Cost	Jul 30	MAPPING		Watching Flat TV	Oct 68
Vending Machine Certified	Aug 38	The Human Touch: Intuitive Cooktops	Feb 8	This Screen Watches You!	Oct 70
Showing the Way	Oct 66	MARKET RESEARCH		MERCHANDISER	
Challenger to LCDs	Oct 67	The Washer Watch	Aug M-11	New & Notable: Appliance Showcase	Jul 12
This Screen Watches You!	Oct 70	A First for Small Electrics	Aug 83	METAL PARTS	
LIGHTS		Stealthy Trim	Aug 96	Performance Is Paramount	Jan 19
New & Notable: Designed for Bedtime Readers	Feb 12	The Human Touch: Assessing Ergonomics During Prototyping	Sep 10	1997 Market Profile (Component/Material Consumption).....	Apr 27
New & Notable: Chase Away Winter Blues	Oct 14	Showing the Way	Oct 65	METALFORMING	
LIGHTS (indicator)		By the Way: Consumer Secrets Exposed!!!	Nov 64	Technology Update: Metalforming—Advanced Multicut Slitter	Feb 68
1997 Market Profile (Component/Material Consumption).....	Apr 27	MARKET SHARE		METAL/PREPAIN/PREFINISH	
Line of Light	Oct 68	Groupe Brandt: French Giant Stresses Growth in Europe	Feb G-8	Pioneering in Powder	Oct 51
LITERATURE		Arcelik: In Pursuit of North Africa	Feb G-11	Powder for Coil Coating	Oct 52
1997 Market Profile (Component/Material Consumption).....	Apr 27	Europe at a Glance	Feb G-13	A Powder-Coated Burger?	Oct 54
MAGNESIUM		Daewoo Electronics: Driving a Tank	Feb G-14	Innovations	Oct 54
Quick Pix	Jun 90	LG Electronics: The Local Company	Feb G-15	Metals/Prepaint/Prefinish	Nov 29
MAJORS		Samsung: A Global Share	Feb G-18	Lawn Tractors Now Powder Painted	Nov 29
(more in related product listings)		Whirlpool: U.S. Leader Pursues Global Blueprint	Feb G-21	Picture This: A Savings of 95% Plus	Nov 30
Substitutions Still Growing	Jan 28	1997 Market Profile (Share of Market)	Apr 27	Environmentally Friendly Garbage Disposer	Nov 30
Annual Industry Outlook: 3 Record Breakers for '96	Jan 106	Big Picture Looks Bright	Aug M-5	Innovations	Nov 30
Chemical Sensors: Fire, Smoke, Gas Alarm for the Home	Feb 26	The Washer Watch	Aug M-11	Parts Direct from CAD	Nov 35
Exclusive Global Report: Majors (See Global)	Feb 27	The Human Touch: Assessing Ergonomics During Prototyping	Sep 10	10-Fold Growth in Steel Recycling	Nov 36
Domotecnica Preview: Bigger Than Ever	Feb 55	MARKETING		250 Tons of White Turned into 'Green' Daily	Nov 39
Editorial: Next Challenge	Mar 7	Cutting Edge: Building the Internet into Appliances	Jan 6	Prepaint Cuts Costs for HVAC Maker	Nov 40
1997 Market Profile (Share of Market and Component/Material Consumption)	Apr 27	Substitutions Still Growing	Jan 28	New Technology: Metal Injection Molding	Nov 40
IATC Preview	Apr 67	Exclusive Global Report: Majors	Feb 28	Prepaint Special Formula for West Bend Breadmaker	Nov 41
Tenth Annual Excellence in Design Winners	May 39	Aesthetics Sell	Mar 71	METALS	
Definitely Domo	May 51	Technology Backs Design	Apr 19	IATC Preview	Apr 67
GEA: Backing Strategy with Product	May 59	Wanted: Marketing Engineers	Jul 49	Metals	May 81
Editorial: Inside Today's Maytag	Aug 7	No Limits	Aug AHAM-2	Pattern Matters	May 81
AHAM: Charting New Frontiers	Aug 19	Moving the Appliance Industry Forward	Aug AHAM-3	Toast and Coffee, Professional Style	May 82
Special Section: Momentum at Maytag Appliances	Aug 47	Circling the Globe	Aug 31	Pre-Lubed Metals	May 82
Big Picture Looks Bright	Aug M-5	Big Picture Looks Bright	Aug M-5	Aluminum Tubing for Refrigerators	May 83
The Washer Watch	Aug M-11	A 'Cool' \$180 Million	Aug M-21	P/M Materials for AC Applications	May 85
Creative Convergence	Aug M-17	Prioritizing for the Future	Aug M-24	Exclusive: Fastening/Joining Study	Jun 69
A 'Cool' \$180 Million	Aug M-21	Thermoplastic Solution for a Trio of Parts	Aug 90	Adhesive a Cure for Medical Device	Jun 75
Prioritizing for the Future	Aug M-24	By the Way: A Mystery in the Making	Sep 144	Powder for Coil Coating	Oct 52
The Power of One	Aug M-29	Watching Flat TV	Oct 68	Prepaint Special Formula for West Bend Breadmaker	Nov 41
European Majors on the Move	Sep 60	By the Way: Consumer Secrets Exposed!!!	Nov 64	MICROCONTROLLERS/ICS	
Editorial: Check Your Mail	Oct 7	MASSAGERS		Variable Frequency Drives	Mar 61
OEM-Driven Motors	Oct 30	Good Health Plays Well	Mar 30	Driving LCDs	Mar 64
250 Tons of White Turned into 'Green' Daily	Nov 39	New & Notable: New Spin on Comfort	Sep 96	Clear Call	Mar 66
MANAGEMENT		MATERIALS		Digital Camera	Mar 68
Special Section: Momentum at Maytag Appliances	Aug 47	IAHR Preview	Jan 95		

1997 EDITORIAL INDEX

	Issue	Page		Issue	Page		Issue	Page
Innovations.....	Mar	68	100% Savings in Rework Labor	Jun	77	1997 Market Profile (Share of Market and		
1997 AM Conference & Expo.....	Sep	28	Think Zinc	Jun	89	Component/Material Consumption)	Apr	27
Good Design Is.....	Nov	52	Pressed Magnetics	Jun	92	New & Notable: Home Cookout		
MICROWAVE OVENS			Frankly Speaking: Don't Let EPACT			Restaurant Style	Jun	18
Annual Industry Outlook:			Catch You By Surprise.....	Jun	104	OUTSOURCING		
3 Record Breakers for '96	Jan	106	Editorial: This Is Big	Jul	5	Frankly Speaking: 'Smart' Outsourcing—		
Convection Auto Logic	Feb	22	Cutting Edge: Killing Kilowatts			Product Development.....	Apr	80
Groupe Brandt: French Giant			for Conservation	Jul	6	PACKAGING		
Stresses Growth in Europe.....	Feb	G-8	Technology Update: Motors—New Looks			Forget the Packaging	Aug	95
Arcelik: In Pursuit of North Africa	Feb	G-11	for Old Motors	Jul	34	Clear Choice	Oct	10
Daewoo Electronics: Driving a Tank	Feb	G-14	Motor Protection Systems	Jul	57	PAGERS		
LG Electronics: The Local Company	Feb	G-15	The Washer Watch	Aug	M-11	New & Notable: Pocket Message Center.....	Mar	24
Samsung: A Global Vision	Feb	G-18	Push Continues to Improve Pre-Production			Three-Fold Advantage	May	75
Matsushita: Strength in Diversity	Feb	G-20	Troubleshooting—a.k.a. Prototyping.....	Sep	79	Challenger to LCDs	Oct	67
Sanyo: Across Three Oceans	Feb	G-20	'Global Market' Theme for			PAINT		
Sharp: From Pencils to High Tech	Feb	G-20	EIC/EMCW Expo	Sep	92	New & Notable: Paint Pump	Jan	8
GE Appliances: The Polar Approach.....	Feb	G-22	MOTORS & MOTOR CONTROL			1997 Market Profile (Component/Material		
Microwave Heating	Feb	67	Cordless Breakthrough	Jan	92	Consumption).....	Apr	27
Technology Backs Design	Apr	19	IAHR Preview	Jan	95	Pattern Matters	May	81
1997 Market Profile (Share of Market)	Apr	27	1997 Market Profile (Component/Material			PARTNERING (See Suppliers)		
IATC Preview	Apr	67	Consumption).....	Apr	27	Savings Up to 25%.....	Mar	72
Definitely Domo	May	51	HVAC's Show of Strength	Apr	51	Frankly Speaking: 'Smart' Outsourcing—		
Show Stoppers	May	61	Motor Control Upgrades	Apr	51	Product Development.....	Apr	80
Innovations Geared for			1997 AM Conference & Expo	Sep	28	By the Way: Spin on Recycling	May	124
Global Challenges	May	64	Terminated Wire On Demand	Sep	91	Vacuum-Panel Update	Jun	44
Patterns Matter	May	81	Motors & Motor Control:			Scrolls Come On Strong	Jun	62
New & Notable: A Mix of Old and New	Jun	20	On-Motor Control	Oct	29	'Quick Change' Not Short-Changed	Jun	76
Wanted: Marketing Engineers	Jul	49	OEM-Driven Motors	Oct	30	100% Savings in Rework Labor	Jun	77
No Limits	Aug	49	No. 1 Is Efficiency; No. 2 Is Quiet	Oct	34	If the Shoe Fits, Wear It	Jun	79
Appliance Usage Practices			Taking It to the Source.....	Oct	37	A \$35,000 Savings	Jun	80
and Perceptions	Aug	49	Addressing Brush-Noise Sources	Oct	38	Safety First	Jun	81
Frankly Speaking: Engineering an			Driving New Applications			Small Parts, Big Challenge	Jun	86
International Mindset	Aug	120	for Variable Speed	Oct	39	Cutting Costs Instead of Metal	Jun	91
1997 AM Conference & Expo.....	Sep	28	Innovations.....	Oct	40	Wanted: Marketing Engineers	Jul	49
Showing the Way	Oct	65	Driven by Variable-Speed Demand	Oct	42	Moving the Appliance Industry Forward.....	Aug	AM-3
Leading Role	Oct	66	Slotless, Brushless Motors Deliver	Oct	47	The Washer Watch	Aug	M-11
Good Design Is.....	Nov	52	MOWERS			The Power of One	Aug	M-29
MINIBARS			Performance Is Paramount	Jan	19	Crystal Clarity	Aug	84
40% Energy Savings	Jan	21	Annual Industry Outlook:			Flair for Frigidaire	Aug	94
MIXERS			3 Record Breakers for '96	Jan	106	Right Mix: Nameplate		
Annual Industry Outlook:			1997 Market Profile (Market Share and			and Blender Design	Aug	95
3 Record Breakers for '96	Jan	106	Component/Material Consumption)	Apr	27	Breadmaker Appliques Rely on		
1997 Market Profile (Share of Market)	Apr	27	Technology Update: Molding—Promising			Special Adhesives	Aug	96
Motor Control Upgrades	Apr	51	Future Ahead for Coinjection	Jun	34	Stealthy Trim	Aug	96
New Twist on Blades	Jun	54	100% Savings in Rework Labor	Jun	77	Push Continues to Improve Pre-Production		
No Limits	Aug	49	Technology Update: Fasteners—			Troubleshooting—a.k.a. Prototyping.....	Sep	79
MODEMS			Wire Inserts Thread the Way	Aug	44	Driving Cost-Effective Advancements	Sep	89
Annual Industry Outlook:			Polite Power	Oct	72	Prepait Cuts Costs for HVAC Maker	Nov	40
3 Record Breakers for '96	Jan	106	Eye Catchers	Oct	77	Prepait Special Formula		
Surge Concern	Sep	74	250 Tons of White Turned			for West Bend Breadmaker	Nov	41
MOLDING			into 'Green' Daily	Nov	39	Good Design Is.....	Nov	52
Cordless Breakthrough	Jan	92	NAMEPLATES			PARTS COUNT REDUCTION/		
Technology Update: Molding—Promising			(See Decorative Trim/Nameplates/Labels)			STANDARDIZATION		
Future Ahead for Coinjection	Jun	34	NETWORKING			Rib Review.....	Jan	26
MOTORS, FANS & BLOWERS			The Power Connection.....	Sep	59	One-Shot Manufacturing	Apr	59
Constant Velocity	Mar	39	European Majors on the Move.....	Sep	60	Switch Turns On Sales Volume	May	72
Innovations.....	Mar	40	Cooperative Era Dawning	Sep	64	42 Parts Eliminated	Aug	86
Handling the Heat	Mar	42	Comfort Link	Sep	70	Cut in Chain Saw Parts		
Noise and Vibration	Mar	48	Digital Home	Sep	74	Due to Vibration Welding	Aug	93
Horizontal Axis Washers	Mar	52	NOISE			Push Continues to Improve Pre-Production		
Comfortable Cost	Mar	54	Noise and Vibration	Mar	48	Troubleshooting—a.k.a. Prototyping.....	Sep	79
Go with the Flow	Mar	55	Definitely Domo	May	39	On-Motor Control	Oct	29
Variable Frequency Drives.....	Mar	61	GEA: Backing Strategy with Product	May	59	Value in Versatility.....	Oct	60
1997 Market Profile (Share of Market)	Apr	27	Technology Update: Motors—			PATENTS		
Innovations Geared for			High-Efficiency Fan Motors			Frankly Speaking: Inventors Alert.....	Oct	88
Global Challenges	May	6	for Refrigerators.....	May	87	PERFORMANCE		
Technology Update: Motors—			Specialty Insulations	Jun	43	Performance Is Paramount.....	Jan	19
High-Efficiency Fan Motors			Versatile Vac	Jun	47	Parts and Properties	Jan	24
for Refrigerators	May	87	Noise in the Neighborhood	Jun	50	Powder for Coil Coating	Oct	52
Fans & Blowers	Jun	47	Sights on Sound	Jun	52	A Powder-Coated Burger?	Oct	54
Versatile Vac	Jun	47	Scrolls Come On Strong	Jun	52	Polite Power	Oct	72
Brushless Business.....	Jun	48	Low-Noise Additive.....	Jun	64	PERSONAL CARE		
Innovations.....	Jun	48	OFFICE/BUSINESS APPLIANCES			(more in related product listings)		
Noise in the Neighborhood	Jun	50	(See Business/Office Appliances)			Annual Industry Outlook:		
Sights on Sound	Jun	52	OUTDOOR APPLIANCES			3 Record Breakers for '96	Jan	106
Designing with an AIM	Jun	54	(more in related product listings)			Good Health Plays Well.....	Mar	30
New Twists on Blades	Jun	54	Annual Industry Outlook:			1997 Market Profile (Share of Market)	Apr	27
			3 Record Breakers for '96	Jan	106	Wanted: Marketing Engineers	Jul	49

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
PIPE		POWDER COATING		Molding FastJun	90
1997 Market Profile (Component/Material Consumption).....Apr	27	Technology Update: Finishing—Better Powder Coating.....Jan	115	PURCHASING	
PLANERS		Powder Coating.....Oct	51	The Power of OneAug	M-29
New & Notable: Portable Planer with Snipe Control.....Oct	14	Pioneering in Powder.....Oct	51	Thermoplastic Solution for a Trio of Parts.....Aug	90
PLASTIC MOLDING & FORMING		Powder for Coil Coating.....Oct	52	QUALITY (Continuous Improvement)	
One-Shot Manufacturing.....Apr	59	A Powder-Coated Burger?.....Oct	54	Surface-Element Control Designed for Automation.....Feb	21
Innovations.....Apr	62	Lawn Tractors Now Powder Painted.....Nov	29	Editorial: Next Challenge.....Mar	7
New Developments in Injection Molding.....Apr	63	POWDER METAL (See Stampings, Die Castings & P/M)		Packing Heat.....Mar	57
PLASTICS		POWER TOOLS		Aesthetics Sell.....Mar	71
Performance Is Paramount.....Jan	19	Performance Is Paramount.....Jan	19	IATC Preview.....Apr	67
Parts and Properties.....Jan	24	Cordless Breakthrough.....Jan	92	Whirlpool's Whitwam Delivers Poetic Warning.....May	54
Substitutions Still Growing.....Jan	28	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Three-Fold Advantage.....May	75
Progressive Polymer.....Jan	28	Tenth Annual Excellence in Design Winners.....May	39	A 50% Savings.....May	76
Innovations.....Jan	94	Cut in Chain Saw Parts Due to Vibration Welding.....Aug	93	New & Notable: Instant Quality Control.....Jul	10
Washer/Dishwasher Timer with Master Circuit Switch.....Feb	61	Editorial: Check Your Mail.....Oct	7	Tool Has 15 Lives.....Jul	41
Handling the Heat.....Mar	42	PREFINISHED METAL (See Metals/Prepaint/Prefinish)		Wanted: Marketing Engineers.....Jul	49
Packing Heat.....Mar	57	PRESSES		Rehabilitate Earns MDD Certification.....Aug	38
Laser Makes Its Mark in Acetal.....Mar	75	New Developments in Injection Molding.....Apr	63	The Washer Watch.....Aug	M-11
To Plastic from Zinc.....Mar	76	PRINTERS		The Power of One.....Aug	M-29
Advanced Technologies.....Mar	76	Performance Is Paramount.....Jan	19	A First for Small Electrics.....Aug	83
Cutting Edge: Appliances Wear Nose Chips.....Apr	12	Progressive Polymer.....Jan	28	Material Works Under Pressure.....Aug	89
Environmentally Safe Vinyl.....Apr	27	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Cut in Chain Saw Parts Due to Vibration Welding.....Aug	93
1997 Market Profile (Component/Material Consumption).....Apr	27	New & Notable: Clean Sweep for Computers.....Aug	12	Driving Cost-Effective Advancements.....Sep	89
IATC Preview.....Apr	67	Material Works Under Pressure.....Aug	89	Powder for Coil Coating.....Oct	52
Technology Update: Motors—High-Efficiency Fan Motors for Refrigerators.....May	87	On-Motor Control.....Oct	29	QUIET	
Technology Update: Molding—Promising Future Ahead for Conjunction.....Jun	34	PRODUCT LIABILITY		New & Notable: Quiet Energy Saver.....Feb	12
Specialty Insulations.....Jun	43	Editorial: Lose-Lose Situation for AHAM, Whirlpool.....Jun	7	Washer/Dishwasher Timer with Master Circuit Switch.....Feb	61
Vacuum-Panel Update.....Jun	44	PRODUCTIVITY		Noise and Vibration.....Mar	48
A Case for Pentanes.....Jun	44	First-End Cable Termination Technology Is Automated.....Apr	42	Comfortable Cost.....Mar	54
Exclusive: Fastening/Joining Study.....Jun	69	Tool Has 15 Lives.....Jul	51	Technology Backs Design.....Apr	19
Adhesive a Cure for Medical Device.....Jun	75	Pioneering in Powder.....Oct	51	HVAC's Show of Strength.....Apr	51
'Quick Change' Not Short-Changed.....Jun	76	PROTOTYPES		Noise Reducers.....Apr	54
If the Shoe Fits, Wear It.....Jun	79	Performance Is Paramount.....Jan	19	Editorial: This Is Big	5
Tape Cuts Failure Rate to Near 0.....Jun	80	Cutting Edge: Archimedes Reincarnated Solves Assembly Problems.....Feb	6	Appliance Usage Practices and Perceptions.....Aug	AHAM-8
FEA-Designed Seals.....Jul	53	Advanced Technologies.....Mar	76	Circling the Globe.....Aug	31
Advantages of Open-Cell Elastomers.....Jul	53	Cost-Saving Paint Job for a Wireless LAN.....Mar	78	OEM Associations Play Active Role.....Aug	35
UL Approves UV-Protected Sheets.....Aug	31	A \$65,000 Plus Savings for Whirlpool.....May	71	Creative Convergence.....Aug	M-17
A 'Cool' \$180 Million.....Aug	M-21	Editorial: This Is Big.....Jul	5	A 'Cool' \$180 Million.....Aug	M-21
The Power of One.....Aug	M-29	Cutting Edge: Killing Kilowatts for Conservation.....Jul	6	42 Parts Eliminated.....Aug	86
Profiles in Plastics.....Aug	83	Controlling Consistency.....Jul	32	Thermoplastic Solution for a Trio of Parts.....Aug	90
A First for Small Electrics.....Aug	83	Cutting Edge: Using Holography to Design in Thin Air.....Aug	8	For Operators: Two Engineering Plastics.....Aug	91
Crystal Clarity.....Aug	84	The Washer Watch.....Aug	78	1997 AM Conference & Expo.....Sep	28
A Tough Retail Scanner.....Aug	86	A First for Small Electrics.....Aug	83	Technology Update: Ignition Control—Advance in Fire Lighting.....Oct	27
42 Parts Eliminated.....Aug	86	42 Parts Eliminated.....Aug	86	On-Motor Control.....Oct	29
Vinyl Hits Home for CO Detectors.....Aug	88	Cut in Chain Saw Parts Due to Vibration Welding.....Aug	93	OEM-Driven Motors.....Oct	30
Material Works Under Pressure.....Aug	89	The Human Touch: Assessing Ergonomics During Prototyping.....Sep	10	No. 1 Is Efficiency; No 2 Is Noise.....Oct	34
Thermoplastic Solution for a Trio of Parts.....Aug	90	1997 AM Conference & Expo.....Sep	28	Taking It to the Source.....Oct	37
For Operators: Two Engineering Plastics.....Aug	91	Cooperative Era Dawning.....Sep	64	Addressing Brush-Noise Sources.....Oct	38
Two-Way Dependability.....Aug	92	Prototyping/Design Software.....Sep	79	Slotless, Brushless Motors Deliver.....Oct	47
Cut in Chain Saw Parts Due to Vibration Welding.....Aug	93	Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping.....Sep	79	Polite Power.....Oct	72
Flair For Frigidaire.....Aug	94	Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping.....Sep	14	Good Design Is.....Nov	52
Right Mix: Nameplate and Blender Design.....Aug	95	Innovations.....Sep	79	RACKS	
Breadmaker Appliances Rely on Special Adhesives.....Aug	96	Cutting Edge: Prepare for Plastic Power.....Nov	14	1997 Market Profile (Component/Material Consumption).....Apr	27
Stealthy Trim.....Aug	96	Parts Direct from CAD.....Nov	35	RADIOS	
1997 AM Conference & Expo.....Sep	28	PRUNERS		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping.....Sep	79	Polite Power.....Oct	72	Receiving Savings Signal.....Jun	88
Cutting Edge: Prepare for Plastic Power.....Nov	14	PUMPS		European Majors on the Move.....Sep	60
POPCORN MAKERS		Motor Control Upgrades.....Apr	51	RANGE HOODS	
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106			Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
POPSICLE MAKER				GE Appliances: The Polar Approach.....Feb	G-22
Good Health Plays Well.....Mar	30			Technology Backs Design.....Apr	19
PORCELAIN ENAMEL				1997 Market Profile (Share of Market).....Apr	27
1997 Market Profile (Component/Material Consumption).....Apr	27			Innovations Geared for Global Challenges.....May	64
				A 25% Cost Cut.....May	74

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
Toast and Coffee, Professional Style.....May	82	Flair for Frigidaire.....Aug	94	Circling the Globe.....Aug	31
New & Notable: Hand-Blown Glass Hood.....Jun	18	Pioneering in Powder.....Oct	51	Big Picture Looks Bright.....Aug	M-5
RANGES/OVENS		Creative Touch.....Oct	57	Creative Convergence.....Aug	M-17
New & Notable: Home Cooking Commercial Style.....Jan	8	Polite Power.....Oct	72	A 'Cool' \$180 Million.....Aug	M-21
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Easy Work.....Oct	74	Crystal Clarity.....Aug	84
Surface-Element Control Designed for Automation.....Feb	21	REFRIGERANTS/REFRIGERATION		Frankly Speaking: Engineering an International Mindset.....Aug	120
Bosch-Siemens: World-Class Determination.....Feb	G-6	1997 Market Profile (Component/Material Consumption).....Apr	27	Enviro Scene: On Getting Really Turned Off.....Oct	8
Groupe Brandt: French Giant Stresses Growth in Europe.....Feb	G-8	HVAC's Show of Strength.....Apr	51	Driving New Applications for Variable Speed.....Oct	39
LG Electronics: The Local Company.....Feb	G-15	IATC Preview.....Apr	67	Pioneering in Powder.....Oct	51
Whirlpool: U.S. Leader Pursues Global Blueprint.....Feb	G-21	Cutting Edge: Put a Heat Pump in Your Pocket.....May	12	Showing the Way.....Oct	65
Packing Heat.....Mar	57	Wanted: Marketing Engineers.....Jul	49	10-Fold Growth in Steel Recycling.....Nov	36
Aesthetics Sell.....Mar	71	Seasonal Solutions.....Nov	43	Pitching In.....Nov	48
Savings Up to 25%.....Mar	72	Expanding Options.....Nov	44	RELAYS (See Switches, Relays, Displays)	
Cutting Edge: Appliances Wear Nose Chips.....Apr	6	REFRIGERATORS/FREEZERS		RESEARCH AND DEVELOPMENT	
Technology Backs Design.....Apr	19	Substitutions Still Growing.....Jan	28	Arcelik: In Pursuit of North Africa.....Feb	G-11
1997 Market Profile (Share of Market and Component/Material Consumption).....Apr	27	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	GE Appliances: The Polar Approach.....Feb	G-22
Definitely Domo.....May	51	40% Energy Savings.....Feb	21	Dirt Noise Communicates.....Feb	60
Electrolux: Palm Wants Emotion.....May	56	Bosch-Siemens: World-Class Determination.....Feb	G-6	Savings Up to 25%.....Mar	72
Innovations Geared for Global Challenges.....May	64	Groupe Brandt: French Giant Stresses Growth in Europe.....Feb	G-8	Technology Update: Motors—New Looks for Old Motors.....Jul	34
New & Notable: A Mix of Old and New.....Jun	18	Arcelik: In Pursuit of North Africa.....Feb	G-11	The Washer Watch.....Aug	M-11
Specialty Insulations.....Jun	43	Daewoo Electronics: Driving a Tank.....Feb	G-14	Creative Convergence.....Aug	M-17
New & Notable: Continuous Filtration.....Jul	12	Maytag: A China Connection.....Feb	G-16	A 'Cool' \$180 Million.....Aug	M-21
Cooking Dynamics.....Jul	28	Samsung: A Global Vision.....Feb	G-18	Digital Home.....Sep	74
Cooking Out Cost.....Jul	30	Matsushita: Strength in Diversity.....Feb	G-20	Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping.....Sep	79
Tool Has 15 Lives.....Jul	41	Sanyo: Across Three Oceans.....Feb	G-20	Taking It to the Source.....Oct	37
Wanted: Marketing Engineers.....Jul	49	Sharp: From Pencils to HighTech.....Feb	G-20	Driving New Applications for Variable Speed.....Oct	39
No Limits.....Aug	AHAM-2	Whirlpool: U.S. Leader Pursues Global Blueprint.....Feb	G-21	Driven by Variable-Speed Demand.....Oct	42
Moving the Appliance Industry Forward.....Aug	AHAM-3	GE Appliances: The Polar Approach.....Feb	G-22	Good Design Is.....Nov	52
Appliance Usage Practices and Perceptions.....Aug	AHAM-8	Domotechnica Preview: Bigger Than Ever.....Feb	55	ROBOTS	
Big Picture Looks Bright.....Aug	M-5	The Human Touch: Gripping Designs.....Mar	14	Robotic Runs.....Jun	87
Creative Convergence.....Aug	M-17	Good Health Plays Well.....Mar	30	Editorial: This Is Big.....Jul	5
Prioritizing for the Future.....Aug	M-24	Packing Heat.....Mar	57	1997 AM Conference & Expo.....Sep	28
Frankly Speaking: Engineering an International Mindset.....Aug	120	Variable Frequency Drives.....Mar	61	RUBBER	
European Majors on the Move.....Sep	60	Cutting Edge: Appliances Wear Nose Chips.....Apr	6	1997 Market Profile (Component/Material Consumption).....Apr	27
Technology Update: Ignition Control—Advance in Fire Lighting.....Oct	27	Technology Backs Design.....Apr	19	SAFETY	
Variable Flow.....Nov	46	1997 Market Profile (Share of Market and Component/Material Consumption).....Apr	27	Handling the Heat.....Mar	42
RECYCLING		Electrolux: Palm Wants Emotion.....May	56	Driving LCDs.....Mar	64
Cutting Edge: Building the Internet into Appliances.....Jan	6	GEA: Backing Strategy with Product.....May	59	Built-in Fire Protection.....Apr	35
Environmentally Safe Vinyl.....Apr	12	Show Stoppers.....May	61	Global Components.....Apr	36
IATC Preview.....Apr	67	Innovations Geared for Global Challenges.....May	64	IATC Preview.....Apr	67
By the Way: Spin on Recycling.....May	124	A \$65,000 Savings for Whirlpool.....May	71	Circling the Globe.....Aug	31
Editorial: Lose-Lose Situation for AHAM, Whirlpool.....Jun	7	Pattern Matters.....May	71	From 'Push-Me, Pull-You' to Harmony.....Aug	34
Wanted: Marketing Engineers.....Jul	49	Aluminum Tubing for Refrigerators.....May	83	SALES	
A 'Cool' \$180 Million.....Aug	M-21	Technology Update: Motors—High-Efficiency Fan Motors for Refrigerators.....May	87	Worldwide: Rapid Growth Ahead in Asia and Latin America.....Feb	G-2
10-Fold Growth in Steel Recycling.....Nov	36	Editorial: Lose-Lose Situation for AHAM, Whirlpool.....Jun	7	Bosch-Siemens: World-Class Determination.....Feb	G-6
250 Tons of White Turned into 'Green' Daily.....Nov	39	New & Notable: Confection of Colors, A Mix of Old and New, New Shapes for Fridge Doors.....Jun	18	Groupe Brandt: French Giant Stresses Growth in Europe.....Feb	G-8
REDESIGN		Specialty Insulations.....Jun	43	Electrolux: SEK 21B Goal for Latin America, Asia and Eastern Europe.....Feb	G-10
By the Way: His Specialty—Ergonomics.....Jan	120	Thermal Energy Storage Holds Cold and Cost.....Jun	61	Samsung: A Global Vision.....Feb	G-18
A \$65,000 Savings for Whirlpool.....May	71	100% Savings in Rework Labor.....Jun	77	GEA: Backing Strategy with Product.....May	59
Technology Update: Motors—High-Efficiency Fan Motors for Refrigerators.....May	87	Tape Cuts Failure Rate to Near 0.....Jun	80	Switch Turns On Sales Volume.....May	72
Versatile Vac.....Jun	47	Cutting Edge: Killing Kilowatts for Conservation.....Jul	6	Big Picture Looks Bright.....Aug	M-5
Noise in the Neighborhood.....Jun	50	New & Notable: Cyclone Effect.....Jul	10	Prioritizing for the Future.....Aug	M-24
Sights on Sound.....Jun	52	Wanted: Marketing Engineers.....Jul	53	SANDERS	
Safety First.....Jun	81	FEA-Designed Seals.....Jul	7	New & Notable: Small-Surface Sander.....Nov	14
Conversion a Clear Call.....Jun	85	By the Way: 2001—A Waste Odyssey.....Jul	72	SAWS	
FEA-Designed Seals.....Jul	57	Editorial: Inside Today's Maytag.....Aug	6	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Editorial: Inside Today's Maytag.....Aug	7	No Limits.....Aug	AHAM-2	SCANNERS	
A 'Cool' \$180 Million.....Aug	M-21	Moving the Appliance Industry Forward.....Aug	AHAM-3	A Tough Retail Scanner.....Aug	86
Material Works Under Pressure.....Aug	89	Appliance Usage Practices and Perceptions.....Aug	AHAM-8	SCREWDRIVERS	
				Cordless Breakthrough.....Jan	92
				New & Notable: Ergonomically Sharp.....Feb	12
				SEALANTS	
				Technology Update: Adhesives—Silicones See the Light.....Nov	27

1997 EDITORIAL INDEX

	Issue	Page		Issue	Page		Issue	Page
SECURITY SYSTEMS			SOFTWARE			Issue		
Annual Industry Outlook:			Cutting Edge: Archimedes Reincarnated			Wanted: Marketing Engineers	Jul	49
3 Record Breakers for '96	Jan	106	Solves Assembly Problems	Feb	6	The Power of One	Aug	M-29
Global Components	Apr	36	Motor Control Updates	Apr	51	Technology Update: Metals—		
European Majors on the Move	Sep	60	Innovations Geared			Controlling Steelmaking	Sep	55
Cooperative Era Dawning	Sep	64	for Global Challenges	May	64	Pioneering in Powder	Oct	51
By the Way: A Mystery in the Making	Sep	144	Controlling Consistency	Jul	32	10-Fold Growth in Steel Recycling	Nov	36
SENSORS			Metallforming/Assembly			250 Tons of White		
Cutting Edge: Appliances			Hums with Software	Jul	46	Turned into 'Green' Daily	Nov	39
Wear Nose Chips	Apr	6	Prototyping/Design Software	Sep	79	STRING TRIMMERS		
Technology Backs Design	Apr	19	SOUND SELECTORS			1997 Market Profile (Share of Market) Apr 27		
Built-in Fire Protection	Apr	35	Good Health Plays Well	Mar	30	SUBASSEMBLIES		
Technology Update: Sensors—			SPEAKERS			A \$65,000 Plus Savings for Whirlpool May 71		
NanoSensor Array Chips	Apr	57	A \$35,000 Savings	Jun	80	SUPPLIERS (Partnering with OEMs)		
Innovations Geared for			SPRINGS			Performance Is Paramount Jan 19		
Global Challenges	May	64	1997 Market Profile (Component/Material			Rib Review	Jan	26
Hot Now	Jul	27	Consumption)	Apr	27	Progressive Polymers	Jan	28
The Washer Watch	Aug	M-11	STAINLESS STEEL			IAHR Preview	Jan	95
Behavior Change	Sep	72	Packing Heat	Mar	57	Better Powder Coating	Jan	115
Showing the Way	Oct	65	Aesthetics Sell	Mar	71	40% Energy Savings	Feb	21
Easy Work	Oct	74	Advanced Technologies	Mar	76	Surface-Element Control		
Good Design Is...	Nov	52	IATC Preview	Apr	67	Designed for Automation	Feb	21
SERVICE			Toast and Coffee, Professional Style	May	82	Combination Control	Feb	22
Whirlpool's Whitman Delivers			Survival Kit for a Rugged Computer	Jun	72	Convection Auto Logic	Feb	22
Poetic Warning	May	54	Tool Has 15 Lives	Jul	41	An Industry First	Feb	24
Rehabilitate Earns MDD Certification	Aug	38	Moving the Appliance Industry Forward	Aug	M-11	Innovations	Feb	24
A 'Cool' \$180 Million	Aug	M-21	The Washer Watch	Aug	89	Chemical Sensors: Fire, Smoke,		
SHAVERS			Material Works Under Pressure	Aug	89	Gas Alarm for the Home	Feb	26
Substitutions Still Growing	Jan	28	Stainless Steel Heating Element	Sep	87	Washer/Dishwasher Timer		
Annual Industry Outlook:			New Technology: Metal			with Master Circuit Switch	Feb	60
3 Record Breakers for '96	Jan	106	Injection Molding	Nov	40	Table Cooking	Feb	65
1997 Market Profile (Share of Market)	Apr	27	STAMPINGS, DIE CASTINGS & P/M			Advanced Multicut Slitter	Feb	68
SHREDDERS			Aesthetics Sell	Mar	71	EMI/RFI Solutions	Mar	27
Tenth Annual Excellence in			To Plastic from Zinc	Mar	76	Constant Velocity Air Foil	Mar	39
Design Winners	May	39	Advanced Technologies	Mar	76	Innovations	Mar	40
SILICONES			1997 Market Profile (Component/Material			Handling the Heat	Mar	42
Technology Update: Adhesives—			Consumption)	Apr	27	Noise and Vibration	Mar	48
Silicones See the Light	Nov	27	IATC Preview	Apr	67	Horizontal Axis Washers	Mar	52
SMALL ELECTRICS			A 50% Savings	May	76	Comfortable Cost	Mar	54
(more in related product listings)			Pre-Lubed Metals	May	82	Go with the Flow	Mar	55
Annual Industry Outlook:			P/M Materials for AC Applications	May	85	Packing Heat	Mar	57
3 Record Breakers for '96	Jan	106	Stampings, Die Castings & P/M	Jun	85	Innovations	Mar	58
40% Energy Savings	Feb	21	Conversion a Clear Call	Jun	86	Variable Frequency Drives	Mar	61
Sanyo: Across Three Oceans	Feb	G-20	Small Parts, Big Challenge	Jun	87	Driving LCDs	Mar	64
Sharp: From Pencils to High Tech	Feb	G-20	Robotic Runs	Jun	88	Clear Call	Mar	66
Good Health Plays Well	Mar	30	Receiving Savings Signal	Jun	88	Digital Camera	Mar	68
kitchentools® a New Brand			Think Zinc	Jun	90	Innovations	Mar	68
for Black & Decker	Mar	31	Quick Pix	Jun	91	Aesthetics Sell	Mar	71
1997 Market Profile (Share of Market and			Cutting Costs Instead of Metal	Jun	91	'Golden' Graphics	Mar	71
Component/Material Consumption)	Apr	27	Pressed Magnetics	Jun	92	Savings Up to 25%	Mar	72
Technology Update: Sensors—			Environmentally Friendly			Label Confirms Emissions Compliance	Mar	72
NanoSensor Array Chips	Apr	57	Garbage Disposer	Nov	30	Laser Makes Its Mark in Acetal	Mar	75
Tenth Annual Excellence			STANDARDS			To Plastic from Zinc	Mar	76
in Design Winners	May	39	Technology Update: Electrical Testing—			Advanced Technologies	Mar	76
Switch Turns On Sales Volume	May	72	EMI/RFI Solutions	Mar	42	Innovations	Mar	77
Switch Turns On Sales Volume	May	72	Handling the Heat	Mar	42	Cost-Saving Paint Job		
Toast and Coffee, Professional Style	May	82	Global Components	Mar	36	for a Wireless LAN	Mar	78
Advantages of Open-Cell Elastomers	Jul	53	IATC Preview	Apr	67	Built-in Fire Protection	Apr	35
Appliance Usage			Editorial: Lose-Lose Situation			Global Components	Apr	36
Practices and Perceptions	Aug	AHAM-8	for AHAM, Whirlpool	Jun	7	First-End Cable Termination		
A First for Small Electrics	Aug	83	Wanted: Marketing Engineers	Jul	49	Technology Is Automated	Apr	42
Frankly Speaking: Engineering			Circling the Globe	Aug	31	True Multimedia Solutions	Apr	42
an International Mindset	Aug	120	From 'Push-Me, Pull-You' to Harmony	Aug	34	HVAC's Show of Strength	Apr	51
SMOKE DETECTORS			Vacuum Cleaner Impacts Air Quality	Aug	36	Motor Control Upgrades	Apr	51
Tenth Annual Excellence			Vending Machine Certified	Aug	38	Moisture Detector	Apr	52
in Design Winners	May	39	CE Directive Is the			Noise Reducers	Apr	54
SNACK MAKERS			Law Not the Standard	Aug	41	NanoSensor Array Chips	Apr	57
Good Health Plays Well	Mar	30	ISO 14000: What You Need to Know	Aug	42	One-Shot Manufacturing	Apr	59
SNAP-FITS			European Majors on the Move	Sep	60	Innovations	Apr	62
Performance Is Paramount	Jan	19	STEAMERS			New Developments		
Washer/Dishwasher Timer			New & Notable:			in Injection Molding	Apr	63
with Master Circuit Switch	Feb	61	Stainless-Steel Steamers	Jun	18	Tenth Annual Excellence		
SNOW THROWERS						in Design Winners	May	39
1997 Market Profile (Share of Market)	Apr	27				Innovations Geared		
100% Savings in Rework Labor	Jun	77				for Global Challenges	May	64
Small Parts, Big Challenge	Jun	86				A \$65,000 Plus Savings for Whirlpool	May	71
Technology Update: Fasteners—								
Wire Inserts Thread the Way	Aug	44						
Easy Work	Oct	74						

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
Switch Turns On Sales Volume	May 72	Crystal Clarity	Aug 84	Hot Now	Jul 7
Switches the Right Menu	May 73	A Tough Retail Scanner	Aug 86	Switches & Relays	Oct 57
for Foodservice Equipment	May 74	42 Parts Eliminated	Aug 86	Creative Touch	Oct 57
A 25% Cost Cut	May 75	Vinyl Hits Home for CO Detectors	Aug 88	Innovations	Oct 58
Three-Fold Advantage	May 76	Material Works Under Pressure	Aug 89	Value in Versatility	Oct 60
A 50% Savings	May 77	Thermoplastic Solution	Aug 90	Opting for Opto	Oct 61
Innovations	May 81	for a Trio of Parts	Aug 91	SWITCHES/RELAYS/DISPLAYS	
Pattern Matters	May 82	For Openers: Two Engineering Plastics	Aug 92	IAHR Preview	Jan 95
Toast and Coffee, Professional Style	May 83	Two-Way Dependability	Aug 93	By the Way: His Specialty—	
Pre-Lubed Metals	May 85	Cut in Chain Saw Parts	Aug 94	Ergonomics	Jan 120
Aluminum Tubing for Refrigerators	May 87	Due to Vibration Welding	Aug 95	The Human Touch: Intuitive Cooktops	Feb 8
P/M Materials for AC Applications	May 88	Flair for Frigidaire	Aug 96	Washer/Dishwasher Timer	
High-Efficiency Fan-Motors		Right Mix: Nameplate	Aug 95	with Master Circuit Switch	Feb 61
for Refrigerators	May 89	and Blender Design	Aug 96	1997 Market Profile (Component/Material	
Promising Future Ahead for Coinjection	Jun 34	Forget the Packaging	Aug 95	Consumption)	Apr 27
Specialty Insulations	Jun 43	Breadmaker Appliances Rely on	Aug 96	A \$65,000 Plus Savings for Whirlpool	May 71
Vacuum-Panel Update	Jun 44	Special Adhesives	Aug 96	Switch Turns On Sales Volume	May 72
A Case for Pentanes	Jun 47	Stealthy Trim	Aug 96	Switches the Right Menu	
Versatile Vac	Jun 48	AMCE Expo Exhibitor Preview	Sep 38	for Foodservice Equipment	May 73
Brushless Business	Jun 48	Controlling Steelmaking	Sep 55	Innovations	May 74
Innovations	Jun 50	The Power Connection	Sep 59	A 25% Cost Cut	May 74
Noise in the Neighborhood	Jun 52	Cooperative Era Dawning	Sep 64	Three-Fold Advantage	May 75
Sights on Sound	Jun 54	Push Continues to Improve Pre-Production		A 50% Savings	May 76
Designing with an AIM	Jun 54	Troubleshooting—A.k.a. Prototyping	Sep 79	Adhesive a Cure for Medical Device	Jun 72
New Twist on Blades	Jun 61	Innovations	Sep 84	The Human Touch: Designing	
Thermal Energy Storage		Stainless Steel Heating Element	Sep 87	Ergonomic Displays	Oct 13
Holds Cold and Cost	Jun 62	Driving Cost-Effective Advancements	Sep 89	Displays: Showing the Way	Oct 65
Scrolls Come On Strong	Jun 64	Innovations	Sep 90	Leading Role	Oct 66
New Spin: Scroll Air Compressors	Jun 66	Terminated Wire On Demand	Sep 91	Challenger to LCDs	Oct 67
Innovations	Jun 68	Connection Sans Holding Device	Sep 93	Line of Light	Oct 68
CFC Chiller Phaseout Crawls Along	Jun 77	Innovations	Sep 95	Watching Flat TV	Oct 68
100% Savings in Rework Labor	Jun 78	Advance in Fire Lighting	Oct 27	Innovations	Oct 69
Precision Potting for Recorder Bulb	Jun 79	On-Motor Control	Oct 29	This Screen Watches You!	Oct 70
If the Shoe Fits, Wear It	Jun 80	OEM-Driven Motors	Oct 30	TAPES AND RADIOS/	
Tape Cuts Failure Rate to 0	Jun 80	Taking It to the Source	Oct 37	TAPE PLAYERS/TAPE RECORDERS	
A \$35,000 Savings	Jun 81	Driving New Applications		Annual Industry Outlook:	
Safety First	Jun 81	for Variable Speed	Oct 39	3 Record Breakers for '96	Jan 106
Innovations	Jun 85	Innovations	Oct 40	TECHNOLOGY	
Conversion a Clear Call	Jun 86	Slotless, Brushless Motors Deliver	Oct 47	Cutting Edge: Building the	
Small Parts, Big Challenge	Jun 87	Pioneering in Powder	Oct 51	Internet into Appliances	Jan 6
Robotic Runs	Jun 88	Powder for Coil Coating	Oct 52	Performance Is Paramount	Jan 19
Receiving Savings Signal	Jun 89	A Powder-Coated Burger?	Oct 54	Parts and Properties	Jan 24
Think Zinc	Jun 90	Innovations	Oct 54	Technology Update: Finishing—	
Quick Pix	Jun 90	Creative Touch	Oct 57	Better Powder Coating	Jan 115
Holding Fast	Jun 91	Innovations	Oct 58	Convection Auto Logic	Feb 22
Cutting Costs Instead of Metal	Jun 92	Value in Versatility	Oct 60	Escaping the Niche	Feb 64
Pressed Magnetics	Jul 27	Opting for Opto	Oct 61	Technology Update: Metalforming—	
Hot Now	Jul 28	Showing the Way	Oct 65	Advanced Multicut Slitter	Feb 68
Cooking Dynamics	Jul 30	Leading Role	Oct 66	Technology Update: Electrical Testing—	
Cooking Out Cost	Jul 32	Challenger to LCDs	Oct 67	EMI/RFI Solutions	Mar 27
Controlling Consistency	Jul 33	Line of Light	Oct 68	Packing Heat	Mar 57
Innovations	Jul 34	Watching Flat TV	Oct 68	Driving LCDs	Mar 64
New Looks for Old Motors	Jul 41	Innovations	Oct 69	Advanced Technologies	Mar 76
Tool Has 15 Lives	Jul 42	This Screen Watches You!	Oct 70	Technology Backs Design	Apr 19
Innovations	Jul 44	Silicones See the Light	Nov 27	HVAC's Show of Strength	Apr 51
From 15 Min. to 90-Sec.		Lawn Tractors Now Powder Painted	Nov 29	Technology Update: Sensors—	
Die Changeover	Jul 46	Picture This: A Savings of 95% Plus	Nov 30	NanoSensor Array Chips	Apr 57
Metalforming/Assembly		Environmentally Friendly		One-Shot Manufacturing	Apr 59
Hums with Software	Jul 53	Garbage Disposer	Nov 30	Cutting Edge: Put a Heat Pump	
FEA-Designed Seals	Jul 53	Parts Direct from CAD	Nov 35	in Your Pocket	May 12
Advantages of Open-Cell Elastomers	Jul 58	10-Fold Growth in Steel Recycling	Nov 36	Definitely Domo	May 51
Innovations	Jul 31	Preprint Cuts Costs for HVAC Maker	Nov 40	Innovations Geared	
Circling the Globe	Aug 31	New Technology: Metal		for Global Challenges	May 64
UL-Approves UV-Protected Sheets	Aug 31	Injection Molding	Nov 40	A 25% Cost Cut	May 74
From 'Push-Me, Pull-You' to Harmony	Aug 34	Preprint Special Formula		A 50% Savings	May 76
Vacuum Cleaner Impacts Air Quality	Aug 36	for West Bend Breadmaker	Nov 41	Technology Update: Motors—	
Vending Machine Certified	Aug 38	Seasonal Solution	Nov 43	High-Efficiency Fan Motors	
Rehabicare Earns MDD Certification	Aug 38	Expanding Options	Nov 44	for Refrigerators	May 87
CE Directive Is the		Innovations	Nov 44	Specialty Insulations	Jun 43
Law Not the Standard	Aug 41	Variable Flow	Nov 46	Versatile Vac	Jun 47
ISO 14000: What You Need to Know	Aug 42	Reliable Firing	Nov 46	New Spin: Scroll Air Compressors	Jun 64
Web on Standards	Aug 42	Linchpin for Liquids	Nov 47	Wanted: Marketing Engineers	Jul 49
Testing Agencies and Capabilities	Aug 43	Pitching In	Nov 48	Cutting Edge: Using Holography	
Wire Inserts Thread the Way	Aug 44	SWITCHES AND RELAYS		to Design in Thin Air	Aug 8
A First for Small Electrics	Aug 83	1997 Market Profile (Component/Material		No Limits	Aug AHAM-2
		Consumption)	Apr 27	From 'Push-Me, Pull-You' to Harmony	Aug 34
				Technology Update: Fasteners—	
				Wire Inserts Thread the Way	Aug 44

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
The Washer Watch.....Aug	M-11	Controlling Consistency.....Jul	32	UTILITIES	
The Power of One.....Aug	M-29	Innovations.....Jul	33	The Power Connection.....Sep	59
A First for Small Electrics.....Aug	83	TESTING		By the Way: A Mystery in the Making.....Sep	144
Stealthy Trim.....Aug	96	Performance Is Paramount.....Jan	19	VACs (lawn)	
Cutting Edge: The Incredible Shrinking Fuel Cell.....Sep	8	IATC Preview.....Apr	67	1997 Market Profile (Share of Market).....Apr	27
1997 AM Conference & Expo.....Sep	28	Tenth Annual Excellence in Design Winners.....May	39	Easy Work.....Oct	74
Technology Update: Metals—Controlling Steelmaking.....Sep	55	Designing with an AIM.....Jun	54	VACUUM CLEANERS	
Home Automation.....Sep	55	Survival Kit for a Rugged Computer.....Jun	72	New & Notable: Quick Switch Commercial Vac.....Jan	8
Push Continues to Improve Pre-Production Troubleshooting—a.k.a. Prototyping.....Sep	79	If the Shoe Fits, Wear It.....Jun	78	Performance Is Paramount.....Jan	19
Stainless Steel Heating Element.....Sep	87	Wanted: Marketing Engineers.....Jul	49	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Driving Cost-Effective Advancements.....Sep	89	Special: Testing and Certification.....Aug	31	By the Way: His Specialty—Ergonomics.....Jan	120
Enviro Scene: On Getting Really Turned Off.....Oct	8	Circling the Globe.....Aug	31	Miele: An International Presence.....Feb	G-8
Technology Update: Ignition Control—Advance in Fire Lighting.....Oct	27	UL Approves UV-Protected Sheets.....Aug	31	Maytag: A China Connection.....Feb	G-16
On-Motor Control.....Oct	29	Hamilton Beach/Proctor-Silex Plants ISO 9002 Certified.....Aug	32	Domotecnica Preview: Bigger Than Ever.....Feb	55
OEM-Driven Motors.....Oct	30	From 'Push-Me, Pull-You' to Harmony.....Aug	34	Dirt Noise Communicates.....Feb	60
Driving New Applications for Variable Speed.....Oct	39	OEM Associations Play a Role.....Aug	35	1997 Market Profile (Share of Market).....Apr	27
Slotless, Brushless Motors Deliver.....Oct	47	Vacuum Cleaner Impacts Air Quality.....Aug	36	Definitely Domo.....May	51
Powder for Coil Coating.....Oct	52	Appliances Marked 'Senior Friendly'.....Aug	36	Innovations Geared for Global Challenges.....May	64
Creative Touch.....Oct	57	Vending Machine Certified.....Aug	38	Versatile Vac.....Jun	47
Showing the Way.....Oct	65	Rehabicare Earns MDD Certification.....Aug	38	Wanted: Marketing Engineers.....Jul	49
Challenger to LCDs.....Oct	67	CE Directive Is the Law Not the Standard.....Aug	41	New & Notable: Clean Sweep for Computers.....Aug	12
Watching Flat TV.....Oct	68	ISO 14000: What You Need to Know.....Aug	42	Vacuum Cleaner Impacts Air Quality.....Aug	36
This Screen Watches You!.....Oct	70	Web on Standards.....Aug	42	Big Picture Looks Bright.....Aug	M-5
Polite Power.....Oct	72	Testing Agencies and Capabilities.....Aug	43	Thermoplastic Solution for a Trio of Parts.....Aug	90
Editorial: Your Show—AMCE.....Nov	7	A First for Small Electrics.....Aug	83	New & Notable: It's a Whirlwind.....Sep	96
Technology Update: Adhesives—Silicones See the Light.....Nov	27	1997 AM Conference & Expo.....Sep	28	New & Notable: Baseboard Sucks It Up.....Oct	14
Picture This: A Savings of 95% Plus.....Nov	30	Editorial: Check Your Mail.....Oct	7	Driving New Applications for Variable Speed.....Oct	39
Parts Direct from CAD.....Nov	35	Taking It to the Source.....Oct	37	Value in Versatility.....Oct	60
New Technology: Metal Injection Molding.....Nov	40	Slotless, Brushless Motors Deliver.....Oct	47	VALVES	
Variable Flow.....Nov	46	THERMOSTATS		1997 Market Profile (Component/Material Consumption).....Apr	27
Reliable Firing.....Nov	46	40% Energy Savings.....Feb	21	IATC Preview.....Apr	67
Good Design Is.....Nov	52	1997 Market Profile (Component/Material Consumption).....Apr	27	VCRs	
TELECOMMUNICATIONS		Innovations Geared for Global Challenges.....May	64	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Cooking Out Cost.....Jul	30	Laser Makes Its Mark in Acetal.....Mar	75
New & Notable: Telephone Internet Appliance, Graphical-Web-Access Phone, Dual-Mode Cellular Phone.....Mar	24	TILLERS/EDGERS		1997 Market Profile (Share of Market).....Apr	27
Conversion a Clear Call.....Jun	85	Tenth Annual Excellence in Design Winners.....May	39	Enviro Scene: On Getting Really Turned On.....Oct	8
The Human Touch: Assessing Ergonomics During Prototyping.....Sep	10	TIMERS		VENDING MACHINES	
European Majors on the Move.....Sep	60	40% Energy Savings.....Feb	21	'Quick Change' Not Short-Changed.....Jun	76
Cooperative Era Dawning.....Sep	64	1997 Market Profile (Component/Material Consumption).....Apr	27	UL Approves UV-Protected Sheets.....Aug	31
Surge Concern.....Sep	74	Innovations Geared for Global Challenges.....May	64	Vending Machine Certified.....Aug	g 38
By the Way: A Mystery in the Making.....Sep	144	TOASTERS		Big Picture Looks Bright.....Aug	M-5
Challenger to LCDs.....Oct	67	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	New & Notable: A Pop Star.....Nov	16
TELEVISIONS		Laser Makes Its Mark in Acetal.....Mar	75	VENTILATORS	
Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Cutting Edge: Appliances Wear Nose Chips.....Apr	6	New & Notable: Grease-Free Cooking Area.....May	24
New & Notable: Digital Home Theater.....Mar	24	1997 Market Profile (Share of Market).....Apr	27	VIDEO	
New & Notable: 'Kitchen Coach', Wider Picture TV.....Apr	8	Toast and Coffee, Professional Style.....May	82	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
1997 Market Profile (Share of Market).....Apr	27	New & Notable: Toasted Bagels Every 5 Seconds.....Jul	12	1997 Market Profile (Share of Market).....Apr	27
Editorial: Digital Transition Raises Questions.....May	11	No Limits.....Aug	29	Tenth Annual Excellence in Design Winners.....May	39
European Majors on the Move.....Sep	60	TRACTORS		VIRTUAL REALITY	
Surge Concern.....Sep	74	Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106	Cutting Edge: Using Holography to Design in Thin Air.....Aug	8
By the Way: A Mystery in the Making.....Sep	144	Lawn Tractors Now Powder Painted.....Nov	29	WAFFLE BAKERS	
Enviro Scene: On Getting Really Turned Off.....Oct	8	TRAINING		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Watching Flat TV.....Oct	68	Moving the Appliance Industry Forward.....Aug	M-24	WASHERS/DRYERS	
TEMPERATURE CONTROLS/ BIMETAL DEVICES		Prioritizing for the Future.....Aug	72	Substitutions Still Growing.....Jan	28
1997 Market Profile (Component/Material Consumption).....Apr	27	TRIMMERS (hedge and string)		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106
Temperature Controls/Bimetal Devices.....Jul	27	Polite Power.....Oct	74	Bosch-Siemens: World-Class Determination.....Feb	G-6
Hot Now Dynamics.....Jul	27	Easy Work.....Oct	78	Groupe Brandt: French Giant Stresses Growth in Europe.....Feb	G-8
Cooking Dynamics.....Jul	28	Eye Catchers.....Oct	78	Miele: An International Presence.....Feb	G-8
Cooking Out Cost.....Jul	30	TUBING		Arclelik: In Pursuit of North Africa.....Feb	G-11
		1997 Market Profile (Component/Material Consumption).....Apr	27		
		TYPEWRITERS			
		Annual Industry Outlook: 3 Record Breakers for '96.....Jan	106		

1997 EDITORIAL INDEX

Issue	Page	Issue	Page	Issue	Page
Daewoo Electronics: Driving a Tank.....Feb	G-14	European Majors on the Move.....Sep	60	Reliable Firing.....Nov	46
Samsung: A Global Vision.....Feb	G-18	Push Continues to Improve Pre-Production		WATER PURIFIERS	
Matsushita: Strength in Diversity.....Feb	G-20	Troubleshooting—aka. Prototyping.....Sep	79	Performance Is Paramount.....Jan	19
Sanyo: Across Three Oceans.....Feb	G-20	Driving Cost-Effective Advancements.....Sep	89	Domotecnica Preview:	
Sharp: From Pencils to High Tech.....Feb	G-20	Technology Update: Ignition Control—		Bigger Than Ever.....Feb	55
GE Appliances: The Polar Approach.....Feb	G-22	Advance in Fire Lighting.....Oct	27	Good Health Plays Well.....Mar	30
Washer/Dishwasher Timer with		On-Motion Control.....Oct	29	WATER QUALITY	
Master Circuit Switch.....Feb	61	Driving New Applications		Chemical Sensors: Fire, Smoke,	
Cutting Edge: With Ozone, It All Comes		for Variable Speed.....Oct	39	Gas Alarm for the Home.....Feb	26
Out in the Wash.....Mar	8	Creative Touch.....Oct	57	WATER SAVINGS	
Horizontal Axis Washers.....Mar	52	Value in Versatility.....Oct	60	Chemical Sensors: Fire, Smoke,	
Variable Frequency Drives.....Mar	61	Variable Flow.....Nov	46	Gas Alarm for the Home.....Feb	26
Laser Makes Its Mark in Acetal.....Mar	75	Pitching In.....Nov	48	Horizontal Axis Washers.....Mar	52
Technology Backs Design.....Apr	19	WATER CONDITIONERS		IATC Preview.....Apr	67
1997 Market Profile (Share of Market and		Technology Backs Design.....Apr	19	Wanted: Marketing Engineers.....Jul	49
Component/Material Consumption).....Apr	27	WATER HEATERS		Big Picture Looks Bright.....Aug	M-5
IATC Preview.....Apr	67	Performance Is Paramount.....Jan	19	The Washer Watch.....Aug	M-11
Tenth Annual Excellence		Annual Industry Outlook:		Creative Convergence.....Aug	M-17
in Design Winners.....May	39	3 Record Breakers for '96.....Jan	106	Prioritizing for the Future.....Aug	M-24
Definitely Domo.....May	51	New & Notable: Double Glass		WELDING	
GEA: Backing Strategy with Product.....May	59	for Longer Life.....Feb	12	Cut in Chain Saw Parts Due	
Show Stoppers.....May	61	Packing Heat.....Mar	57	to Vibration Welding.....Aug	93
Innovations Geared		Technology Backs Design.....Apr	19	WIRE	
for Global Challenges.....May	64	1997 Market Profile (Share of Market and		1997 Market Profile (Component/Material	
Specialty Insulations.....Jun	43	Component/Material Consumption).....Apr	27	Consumption).....Apr	27
Wanted: Marketing Engineers.....Jul	49	HVAC's Show of Strength.....Apr	51	Technology Update: Wire Inserts	
By the Way: 2001—A Waste Odyssey.....Jul	72	IATC Preview.....Apr	67	Thread the Way.....Aug	44
Editorial: Inside Today's Maytag.....Aug	7	Innovations Geared		Terminated Wire On Demand.....Sep	91
Moving the Appliance Industry Forward.....Aug	AHAM-3	for Global Challenges.....May	64	WORD PROCESSORS	
Big Picture Looks Bright.....Aug	AHAM-5	Specialty Insulations.....Jun	43	Annual Industry Outlook:	
The Washer Watch.....Aug	M-11	Hot Now.....Jul	27	3 Record Breakers for '96.....Jan	106
Creative Convergence.....Aug	M-17	Wanted: Marketing Engineers.....Jul	49	WORKSTATIONS	
Prioritizing for the Future.....Aug	M-24	By the Way: 2001—A Waste Odyssey.....Jul	72	1997 Market Profile (Share of Market).....Apr	27
42 Parts Eliminated.....Aug	86	OEM Associations Play Active Role.....Aug	35	ZINC	
Flair for Frigidaire.....Aug	94	The Power Connection.....Sep	59	To Plastic from Zinc.....Mar	75
Frankly Speaking: Engineering an		250 Tons of White Turned into		Receiving Savings Signal.....Jun	88
International Mindset.....Sep	120	'Green' Daily.....Nov	39	Think Zinc.....Jun	89



1997 Editorial Order Form

Indicate below the articles listed in the 1997 Appliance Manufacturer Editorial Index that you would like to receive. A payment of \$15.00 per article is required.

Fax your request to us at 440/498-9121. Thank you for your interest!

Item	Issue Month	Page
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please respond by: ☐ Fax ☐ Mail

Send article(s) to:

Method of Payment: ☐ VISA ☐ MasterCard

☐ AmEx ☐ Check enclosed

Name _____

Card Number _____

Exp. date _____

Title _____

Signature _____

Company _____

Address _____

Mail orders to: Appliance Manufacturer

5900 Harper Road, Suite 105

Solon, OH 44139

City/State/Zip _____

Phone () _____

Fax () _____

